

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	514/2.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 16:11
L2	0	530/328.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/04 16:11
S1	0	"Arg Tyr Phe Pro Asn Ala Pro Tyr Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:45
S2	1	"Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47
S3	0	514/2.ccls. and "Arg-Tyr-Phe-Pro-Asn-Ala-Pro-Tyr-Leu"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47
S4	2	"20070082860".did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/25 10:47

10/517,600

<210> SEQ ID NO 2
<211> LENGTH: 9
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Synthetic Peptide
<400> SEQUENCE: 2

Arg Tyr Phe Pro Asn Ala Pro Tyr Leu

1 5

02/04/2008

> d his ful; d que sta

(FILE 'HOME' ENTERED AT 08:54:03 ON 04 FEB 2008)

FILE 'REGISTRY' ENTERED AT 08:54:13 ON 04 FEB 2008

L1 1 SEA ABB=ON PLU=ON RYFPNAPYL/SQSP
L2 82 SEA ABB=ON PLU=ON RYFPNAPYL/SQSFP
L3 ANALYZE PLU=ON L2 1- LC : 5 TERMS
 D
 D L2 1-82
 D L2 SQIDE
 D L2 SQIDE 1-

FILE 'ZCPLUS' ENTERED AT 08:59:21 ON 04 FEB 2008

L4 76 SEA ABB=ON PLU=ON L2
 D L4 1- IBIB KWIC

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3
DICTIONARY FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ZCPLUS

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FILE COVERS 1907 - 4 Feb 2008 VOL 148 ISS 6
FILE LAST UPDATED: 3 Feb 2008 (20080203/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate

02/04/2008

substance identification.

L2 82 SEA FILE=REGISTRY ABB=ON PLU=ON RYFPNAPYL/SQSFP
L4 76 SEA FILE=ZCAPLUS ABB=ON PLU=ON L2

=> d 12 sqide

L2 ANSWER 1 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 956835-95-3 REGISTRY
CN Protein (human gene KIAA0226 fragment) (CA INDEX NAME)
OTHER NAMES:
CN 13: PN: WO2007128984 SEQID: 13 claimed protein
FS PROTEIN SEQUENCE
SQL 960

ALL
RANDOM
CONSERVATIVE
SUBSTITUTIONS

ONLY IDENTICAL
THAT OF APPLICANTS

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
=====+=====	
Not Given	WO2007128984
	claimed SEQID
	13

SEQ 1 LLGNLKTTVE GLVSTNSPNV WSKYGGLERL CRDMQSILYH GLIRDQACRR
51 QTDYWQFVKD IRWLSPHSAL HVEKFISVHE NDQSSADGAS ERAVAELWLQ
101 HSLQYHCLSA QLRPLLGDRQ YIRKFYTDAF FLLSDAHVTA MLQCLEARVEQ
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151 NNPRLLAQID ASMFARKHES PLLVTKSQSL TALPSSTYTP PNSYAQHSYF
201 GSFSSLHQSV PNNGSERRST SFPLSGPPRK PQESRGHVSP AEDQTIQAPP
251 VSVSALARDS PLTPNEMSSS TLTSPIEASW VSSQNDSPGD ASEGPNEYLA
301 GNLDPRGRTA SCQSHSSNAE SSSSNLFSSS SSQKPDASAAS SLGDQEKGGE
351 SQLSSVLRRS SFSEGQTLTV TSGAKKSHIR SHSDTSIASR GAPGGPRNIT
401 IIVEDPIAES CNDKAKLRGP LPYSGQSSEV STPSSLYMEY EGGRYLCSGE
451 GMFRRPSEGQ SLISYLSEQD FGSCADLEKE NAHFSESLS IAAIELMKCN
501 MMSQCLEEEE VEEEDSDREI QELKQKIRLR RQQIRTKNLL PMYQEAEHGS
551 FRTVSSSSQF SSRDSAQLSD SGSADEVDEF EIQQDADIRRNN TASSSKSFVS
601 SQSFSHCFLH STSAAVAMG LLKQFEGMQL PAASELEWLV PEHDAPQKLL
651 PIPDSLPISP DDGQHADIYK LRIRVRGNLE WAPPRPQIIF NVHPAPTRKI
701 AVAKQNYRCA GCGIRTDPDY IKRLRYCEYL GKYFCQCCHEN AQMAIPS
751 LRKWDFSKYY VSNFSKDILLI KIWNDPLFNV QDINSALYRK VKLLNQVRLL
801 RVQLCHMKNM FKTCLAKEL LDSFDTVPGH LTEDLHLYSL NDLTATRKGE
851 LGPRLAELTR AGATHVERCM LCQAKGFICE FCQNEDDIIF PFELHKCRT
901 EECKACYHKA CFKSGSCPNC ERLQARREAL ARQSLESYLS DYEEPAEAL
951 ALEAAVLEAT

HITS AT: 124-132

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 sqide 1-

YOU HAVE REQUESTED DATA FROM 82 ANSWERS - CONTINUE? Y/(N):y

L2 ANSWER 1 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 956835-95-3 REGISTRY
CN Protein (human gene KIAA0226 fragment) (CA INDEX NAME)
OTHER NAMES:

CN 13: PN: WO2007128984 SEQID: 13 claimed protein
 FS PROTEIN SEQUENCE
 SQL 960

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	W02007128984
	claimed SEQID
	13

SEQ 1 LLGNLKTTVE GLVSTNSPNV WSKYGGLERL CRDMQSILYH GLIRDQACRR
 51 QTDYWQFVKD IRWLSPHSAL HVEKFISVHE NDQSSADGAS ERAVAELWLQ
 101 HSLQYHCLSA QLRPLLGDRQ YIRKFYTDA FLLSDAHVTA MLQCLEARVEQ
 ====== ==
 151 NNPRLLAQID ASMFARKHES PLLVTKSQSL TALPSSTYTP PNSYAQHSYF
 201 GSFSSLHQSV PNNGSERRST SFPLSGPPRK PQESRGHVP AEDQTIQAPP
 251 VSVSALARDS PLTPNEMSSS TLTSPIEASW VSSQNDSPGD ASEGPPEYLAI
 301 GNLDPRGRTA SCQSHSSNAE SSSSNLFSSS SSQKPDASAAS SLGDQEggGE
 351 SQLSSVLRRS SFSEGQTLTV TSGAKKSHIR SHSDTSIASR GAPGGPRNIT
 401 IIVEDPIAES CNDKAKLRGB LPYSGQSSEV STPSSLYMEY EGGRYLCSE
 451 GMFRRPSEGO SLISYLSEQD FGSCADLEKE NAHFSISESL IAAIELMKCN
 501 MMSQCLEEEE VEEEDSDREI QELKQKIRLR RQQIRTKNLL PMYQEAHGS
 551 FRVTSSSSQF SSRDSAQLSD SGSADEVDEF EIQDADIRRN TASSSKSFVS
 601 SQSFSHCFLH STSAEAVAMG LLKQFEGMQL PAASELEWLV PEHDAPQKLL
 651 PIPDSLPISP DDGQHADIYK LRIRVRGNLE WAPPRPQIIF NVHPAPTRKI
 701 AVAKQNYRCA GCGIRTDPDY IKRLRYCEYL GKYFCQCCHE NAQMAIPSRR
 751 LRKWDFSKYY VSNFSKDLLI KIWNDPLFNV QDINSALYRK VKLLNQVRLL
 801 RVQLCHMKNM FKTCRLAKEL LDSFDTPVGH LTEDLHLYSL NDLTATRKGE
 851 LGPRLAELTR AGATHVERCM LCQAKGFICE FCQNEDDIIF PFELHKCRTC
 901 EECKACYHKA CFKSGSCPNC ERLQARREAL ARQSLESYLS DYEEEPAEAL
 951 ALEAAVLEAT

HITS AT: 124-132

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 937580-08-0 REGISTRY

CN Signal transduction histidine kinase with Chase domain (Bradyrhizobium strain BTA1) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABQ38889

CN GenBank ABQ38889 (Translated from: GenBank CP000494)

FS PROTEIN SEQUENCE

SQL 552

SEQ 1 MLRLGVIIIGV IALIGTALSG LAAYRVHDQE LAIDRIALAR AIDVHASLVQ
 51 DRLTERELLA RVASGLFRAP SVIKANMLEP LRSSIYAFKT DFVVVASWIAR
 101 LRPDELPIAQ AELRQAGFPN PTIRNYDDKP LDAATLTGPI DVLMMDLEPRN
 151 ADTLKLPGVA LDRQPIVGPM LTRAMAEGKP VASDPTPLLR ANGPIGIVLA

201 APVVPQGATA PAGFVTFSYE IGPLLLTNDD LSLFSVALKD PRNASDELVA
 251 NDQGAVSGRT RGADAPAPSS TRTVTFGNHD WSLVYYAKSN SVRRAQQTAA
 301 IVGVIGLALT GIICGLFGYV AYNNLRLSRE IQVRIGFERR LTAVIDELNH
 351 RVKNILAVIQ SIVTRTLRHG SDIDVARELL IGRIHAMSJV VTLLSESQWQ
 401 GVQLRGLFES RAIPHADRIA VTGPDITVSA RAAQSLSSLF FELASHSDEG
 451 LSLVGKHPHI TAKWDVTGEE PNAVFQFRWE EFNTSEATRR PDSDFGLILL
 501 DRVAPEALGG TSKRFFTEAS YYELTAPME TVVDITERDR TEQFSAPVHP

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551 SR

HITS AT: 514-522

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 937456-80-9 REGISTRY

CN Signal transduction histidine kinase with Chase domain (Bradyrhizobium strain ORS278), (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAL74960

CN GenBank CAL74960 (Translated from: GenBank CU234118)

FS PROTEIN SEQUENCE

SQL 551

SEQ 1 MLRLGVIIGV IALLGTALSG LAAYRVHDQE LALDRIALAR AIDVHASLVQ
 51 DRLTERELLA RVASGLFRAP SVIKANMLEP LRSSIYAFKT DFVVVASWIAR
 101 LRPDELPAQ AELHQAGFSN PTIRSYDDTP LGPNVDHPID VLMDLEPRNA
 151 ETSRLPGRAL DRQPIVGPML ARAMAEGKPV ASDPTPLLRP DGPAGIVLAA
 201 PVVPQGATAP AGFVTFSYEI GPLLLTNDDL SLFSVALKDP RNASDELVAN
 251 DQGAVTTRTR GPDDPAPSST RTVAFGNHWD SLVYYAKSNA ARRAQQTAII
 301 VGVIGLALTG IIIGGLFGYVA YNNLRLSREI QVRIGFERR LTAVIDELNH
 351 VKNILAVIQS IVTRTLRHGS DIDVARELLI GRIHAMSJV VTLLSESQWQ
 401 VQLRGLFEAR AIPHAERIAV SGPDITVSAR AAQSLSSLFF ELASHSDEGL
 451 SLVGKHPHIT AKWEVTGDEP NAVFNFRWEE RNTSEATRRP DSDFGLILL
 501 RVAPEALGG SKRFFTEGSY YYELTAPMET VVDMTERDR EQFSAPVRPP

===== =

551 K

HITS AT: 513-521

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 934937-94-7 REGISTRY

CN Protein (Corynebacterium glutamicum strain R 300-amino acid) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAF53882

CN GenBank BAF53882 (Translated from: GenBank AP009044)

FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDLDRVEVMI QLDEDETSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPVRDLS
 151 QVSNVIDQVD DLRGATENL SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
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251 DKALRLGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLLRFYVRK

HITS AT: 216-224

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 931173-35-2 REGISTRY

CN Protein (Geobacillus thermodenitrificans strain NG80-2 926-amino acid)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABO65802

CN GenBank ABO65802 (Translated from: GenBank CP000557)

FS PROTEIN SEQUENCE

SQL 926

SEQ 1 MNGKWKIAKL IGLIIFIVSL PVLFFAFIQG NPMKQTNKAT NHIAVVNEDM
 51 GAKYDQKTYF FGKEIVPALA DRSSYHWSVV NRSQAENGLK NNEYDAVVYL
 101 PSDFSRNILS FNDKQPLKAT VQYKIQPNLD AKHRERVQRE LEASKNMINQ
 151 KMSTLYWSYV AQEIAAIRKK FNDILEKEIA FQKAMYAFYT PSSAKLAEI
 201 KRQKDMQLQEL LEASNNAKDS SAGTLLQGIEE AEAETITAFVD SLSQYREYQQ
 251 RQNELLQEGI HEYKKRKFNER MDLMLGKPWE VKPDVRHQEQ NLLESITTLR
 301 NTVAESHTSL MTFNEQLKQS TVQEQQFEQLL TWKKEFVRQY QIEVNNQTL
 351 RLQQSLIEFR OQLQSPSPGQ TDEEQPAPIE APPQPADENL LDALQQQLAN
 401 LKAQWQAFKP QSPQESWEHI EGGSISQLETE MEKTKQAWQQ QLALQQQWQQ
 451 KYAQLVEQLN KQLTEGKADS IDDIVQQIKE KEQAVLASPA LPESRKQVLS
 501 SHFEAVIQNR NTADLLDYFA WLSIFDEAVQ QTTRFDEELV DQLLMNWNR
 551 DAIQMLSDLV RGYFEELEQH SASSLKEVEA AEESTESFIE TTLGYIQEYD
 601 ENVQKMQETI TGQLQELSDA VSEVTMQLQE AVNEGQQTEE IWWRGNDFEV
 651 ITIQQNTMQD VQQISDLIAS IAEDQDHIVD YTNELHEKID SVQTKADELN
 701 DKWAANVNNT KQIRNDVYRL LNNTMIDQQA NGYVYDYLTN PVQVRGDLPE
 751 EQTTYTTPVV VLIVLLCGM LIGFFLHYYS NSPFMLQLAL LLLMNVVVGL
 =====

801 IINIYSLKIY PMQDVRAIKW SVLTIVLFFF CSSMVRALFL IGPFTGWILG
 851 VGLVLFFITP LLDDLVLPNFH FEHPIAETYI SIQYGDQQIF YSTVVMMGVL
 901 SLLMAAVPFL KHRLADQQEE GEMYEG

HITS AT: 777-785

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 927516-46-9 REGISTRY
CN Protein (Yamadazyma stipite strain CBS 6054 431-amino acid) (CA INDEX NAME)
OTHER NAMES:
CN GenBank ABN64712
CN GenBank ABN64712 (Translated from: GenBank CP000496)
FS PROTEIN SEQUENCE
SQL 431

SEQ 1 MGCAAASVPEN EEKDPFLHDK RINDAIEQNL QLNKQNEKNQ VKLLLLGAGE
51 SGKSTVLKQM KLLHKGGFTQ QERIQYSQVI WCDVVQSMKI LIVQARKLGI
101 ALDCDQENSP LIPYKQIVLR ANALEQIDTG AAGGAHFMND YVLKYSEVQK
151 NKRRMNSTGV ANISYWDDPP VKSDHESDNV NVVYNSTNPT PNSTYSREQI
201 ADAIHKLWTS DPGIHNCYER SNEFQFEASA EYYFENVYKF ADPDYYCTDT
251 DILKGRIKTT GITETNFNIN SFKFKVLDAG GQRERRKWI HCFDNITAVL
301 FVLAISEYDQ MLFEDERVNR LHESIVLFDS LCNSKWFANT PFILFLNKTD
===== ==
351 IFEKKIQRSP LKQYYPEYNG KPQDSAEAMK FFETNFLKLN RTNKPIYVHR
401 TCATDSKSMK FVLSAVTDVI VQQNLKKSGI M
HITS AT: 335-343
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 925385-98-4 REGISTRY
CN ElaA protein (Methylibium petroleiphilum strain PM1) (CA INDEX NAME)
OTHER NAMES:
CN GenBank ABM96751
CN GenBank ABM96751 (Translated from: GenBank CP000555)
FS PROTEIN SEQUENCE
SQL 155
SEQ 1 MDHPLPEISW RCARLHELSP LEIQLRIHIAR QQVFAVEQDC VFQDADEVDE
51 HSAHLAAWRA DGVLAYARL VDPGVKYAEV SLGRVLTTAV ARGTGVGRAL
101 VRRAVDHLTG AFPGQGLRIS AQLRLERFYA EAGFLSIGEP YLEDDMPHIE
===== ==
151 MLRRG
HITS AT: 127-135
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
RN 921701-11-3 REGISTRY
CN Protein (Oryza sativa japonica strain Nipponbare gene Os08g0104300) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAF22691
 CN GenBank BAF22691 (Translated from: GenBank AP008214)
 FS PROTEIN SEQUENCE
 SQL 495

SEQ 1 MNCCSSEAVL SSKVALLNSL FCTIVLPKEN CSNKMNCKG GGFPLLFCAV
 51 ICLMAQQGAC NVVLIANNNT LSFDDVEATF TPEVKDSGVN GAIYAVEPLD
 101 ACSPLRKAA NGPVSPFALV IRGGCQFDDK VRNAQNAGFK AVIVYDDEDS
 151 GVLVSMAGSS SGIVIYAVFL SKASGEVLKK YSGQSDVEWW ILPVYENSAW
 201 SIMAISFTSL LAMAACLATC FFVRRHQIRR DRGRIPVTRE FHGMSSQLVK
 251 AMPSLIFTKV QEDNSTSSSC AICLEDYSFG EKLRLVPCRH KFHATCVDMW
 301 LTSWKTFCPV CKRDASAGTS KPPASESTPL LSSVIHLSAE STALSSFRST
 351 VAVSPPRPIR RHPSSQSTS AYSISSAPRN YNLQRYYTNS PYISTSRNSV
 ====== ==
 401 DLANMSSQWS HTPHQASMHS LRSGHLSLPI NIRYTIPHVS RSDYGSASLG
 451 LSHDSCSHHG SPSYYHSSLG QORSYLMHRT ESGPSLSTMV LQSPQ

HITS AT: 385-393

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 919550-33-7 REGISTRY
 CN Proline iminopeptidase (Roseobacter denitrificans strain OCh 114 gene pip)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABG30110
 CN GenBank ABG30110 (Translated from: GenBank CP000362)
 FS PROTEIN SEQUENCE
 SQL 313

SEQ 1 MQYLYPPVDP FDQRMLDVQ GHRIYVEQCG NPAGIPVIVL HGGPGGGCSP
 51 AMRRYFDPTV FRVILFDQRG CGRSRPHASV THNTTWHLVD DIELIRRTLD
 101 IDDWIVFGGS WGATLSLIYA QSHPDRTRHL VL RGVFLMTQ AEILDWFYGGG
 151 AGKFWPEVWA RFTGPIPEDE RGDLIEAYRR RLFSGDMPQE TRFAKAWSSW
 201 ENALASIHSS GTSGDAPGEY ARAFARLENH YFSNAGFLDF DGQILANVGR
 ======

251 IAHIPGVIVQ GRYDMICPPD SAYRLAEAWE NCELKMVRNA GHALSEPGIS
 301 AELVRTMDRI GGR

HITS AT: 230-238

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 914168-75-5 REGISTRY

CN Protein (Methanosa~~r~~cina barkeri strain Fusaro 112-amino acid) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN GenBank AAZ70949 (9CI)

OTHER NAMES:

CN GenBank AAZ70949 (Translated from: GenBank CP000099)

FS PROTEIN SEQUENCE

SQL 112

SEQ 1 MSKIFNYMCF LISQTSNKF LGIIRNIFQK SEIKKLNMAK EGIEENLEHHK
51 TVFNCLLNTR RVNIRQLSG RQFRTRSRKCL YHNQFLLRVR FYSETPFLFR

= =====

101 TRFILKRLFI HV

HITS AT: 90-98

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 912220-07-6 REGISTRY

CN Esterase/lipase (Lactobacillus casei strain ATCC 334) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABJ70609

CN GenBank ABJ70609 (Translated from: GenBank CP000423)

FS PROTEIN SEQUENCE

SQL 269

SEQ 1 MQVEKDVIYD SAYNLADLY VPDEANGGAI VYAHGGGWFR GDKENESDLG
51 KYFADAGYLF TIPNFRLAPK YLYPTAQNDF DHFINWLLAS PYDFDRERLG

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101 LLGASSGGTM VLQNSLASGY PLVAWSPVVD FANWVQKNQM VKASVDGKKE

151 LGLTEIHEIH DSFYKYFVQT YLGGLDPRLL TAVNPTNHLT DQLGPALLFN

201 SADELMPLPS ALHFLQQAAM FGRDIGLHVV PGTGHARDYT SFALPETKRF

251 FDHHLFTTVE DKTLNKATD

HITS AT: 51-59

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 912087-07-1 REGISTRY

CN Protein (Oenococcus oeni strain PSU-1 429-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABJ57333

CN GenBank ABJ57333 (Translated from: GenBank CP000411)

FS PROTEIN SEQUENCE

SQL 429

SEQ 1 MKRKGLFSLG NRIIFYIFNF FIFLTLYFAI ASPNLTGDT PAGNRRTTWIS
 51 VVFLLFLLLTI SLAIVFNEKL RNVFRYIFIK RALFSSIVIF VLVILLQIIF
 101 VELTHPSIGF DAGAIHSALT DTKSRELQAY YSLSTNNINL MLQQHYLAKF
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 151 FSNSSWLLFD NINLFLVDLS AVFNALIVAV LDRRKISNVL YIQSIWLALF
 =====
 201 PMILVPYSDT WVLPFVSLYL LSYCIVFHSK FNGILRVFLA ISGGSVLSAS
 251 YFIKPSAIIP FIAIFLVEIL YLFKKDDDRK KYAFIILIS SLFFIVSTGI
 301 TYRYLQNANN SETYMKIDRS RTMPAIHFIS MGMAGDGGYN KEDNLAMAAR
 351 PSKKEKVEYS KRKINQLRAR MGIFGYIKFL FHKQNKNSSD GSFAWLIEGH
 401 FMSAKVASKKG LKAFCSKFCI SEWQTFSGF

HITS AT: 149-157

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 909480-03-1 REGISTRY

CN Ferrochelatase (Bordetella avium strain 197N gene hemH) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAJ50331

CN GenBank CAJ50331 (Translated from: GenBank AM167904)

FS PROTEIN SEQUENCE

SQL 364

SEQ 1 VFLRLFKYLW PERFLPEPAT AEDRFDDNPP PRGPGRAGVL LINLGTPDAP
 51 TAADIRKYLA EFLSDQRVIE IPRYLWKPII HGLVLTFRPK KLAAPRYAGIW
 101 MEGGSPLMVY SRKQAEGVAA ALAERGLDVP VALGMRYGNP SVPDAIAQLR
 151 AQGCDHILTV PLYPQYAAST TATAVDAVTR HASRLRDQPA LRFVKRFYAD
 =====
 201 PAYIEAQAAER IQSFWDQAQGK PQKLLMSFHG LPRYSIELGD PYYRDCLDTA
 =====
 251 RLLRKRLGLS PEEVEVTFQS RFGSARWMEP YTEPTLKMLA AQGITHIDVV
 301 CPGFVADCLE TLEEINQEGR HAFMEAGGQQ FRYIPALNDS PLWVSGLADL
 351 VETQLQAWPV KRAG

HITS AT: 196-204

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 908963-98-4 REGISTRY

CN Proline iminopeptidase (Rhizobium leguminosarum viciae strain 3841 gene pip) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAK08026

CN GenBank CAK08026 (Translated from: GenBank AM236080)

FS PROTEIN SEQUENCE
SQL 324

SEQ 1 MSALYPEIEP YDHGQLDTGD GNLIYWEACG NPAGRPAVLV HGGPGSGCST
51 AARRYFDPDA YRIIILFDQRN CGRSLPSAAD PETDLSLNTT WHLVADIERL
101 RAHLGIDSWL LFGNSWGSTL ALAYAETHPE RVAAIVLSGV TTRRSEIDW
151 LCRGMAPLFP EEWHRFRQVI PAGSQGRDED IVAAYHRLLN DPDPETRFKA
201 ARDWHDWEAA SILLADPQGR PRRWADPAYM LTRARIITHY FSNGAWLEDG
=====

251 QLKNAARLI GSPGILLQGR LDIEAPLVTA WELARAWPQS ELSILAHAAH
301 STANPDMSAA IVTATDRFRY FPQK

HITS AT: 239-247

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 889725-65-9 REGISTRY

CN LOC432185 protein (Xenopus laevis clone IMAGE:6949153 gene LOC432185)
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH94122

CN GenBank AAH94122 (Translated from: GenBank BC094122)

FS PROTEIN SEQUENCE

SQL 722

SEQ 1 VKMAALSEHF TLCGLLTGTD DGKSEILGVE PAGEPDRV LV TDSVQAVTLY
51 KVSDQKPQGA WAVKQGQSIT CPAVLPESG EFIVVHDDKV LRIWKEDNVN
101 LDIAFKATLS ADVCRHTLP NTDPLVLFKG GAVHFLDSL TDPQQKIGTV
151 LSDGERIVWS EIFADDGQPL IVYLTQQFSN YFVYIHKFSP VCVCKYHLKP
201 NTEDSTILD CSGVKSKIFT LLTLYSSGQV CQTPFPVSLI NKETERVVA
251 SPILLQLSGPI EVGALNFLDE SHAVAVLISS SEQKECLSIW NTTFQTLQAA
301 RNFQORTSAQ LWCYDNKLKV PHGKTLVVVP YVCEASCLAS VLGKSRNIQT
351 SVLENVPFVN WDKLVGKDPE TKPSNAGAQK KTRERKTNAN AGNGTESILY
401 PFDVQNISQT QTEAFVQQLL LGKEDTDFQI TVGKITQGLV KRCMADPKFY
=====
451 PQSSFVQLVQ TNTLSYSLCP DLLSLFLEKR DVPLLQLCLH SF PDVPEVIL
=====

501 CLCLKAFLSI SEKLVNAAQI NTELASLYID VGDKDKEHKY TEHPEEPSVL
551 QNGFSPTALE EDSCDELIAE SLPQTTQKAT CPISIKRAVL VNSILISPYN
601 ESFLLPHLKD MSGDQVMFFL RYLLYLYLKF NENITINHPG KQMPTVSQIV
651 DWMSMLLDAA FATVVMLSDA KALLNKIQKT VKSQLKFYSE MNKIEGCLAE
701 LKELKCPARV SARYSIEVLQ LY

HITS AT: 448-456

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 881346-58-3 REGISTRY
 CN Phage portal protein, lambda (*Nitrobacter winogradskyi* strain Nb-255)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank ABA04073
 CN GenBank ABA04073 (Translated from: GenBank CP000115)
 FS PROTEIN SEQUENCE
 SQL 511

SEQ 1 MAANWIDRAL ASVAPGAARK RLLERQAFEK LARAYDGAAV GRRTDGWRSS
 51 SSSADGEIAS GASRLRDRMR DLTRNNPHAA KAVAVLVNNI VGAGIRPRAA
 101 AGTDALDNRI NELWEAWAAR SDADGLADFH GLTTLAVREM IEGGDVFLRR
 151 RIRRTEDKLP VPLQLOLLEA DHLDDETKIAA LPDGGRIVRG IEYDAIGRR
 201 AYWLFDPDHPC DTSPVLSRSL TSARVPADGI AHLFERQRVQ SRGVPGWAPA
 251 MRAMRDLDWW TNAELVRKKT EAELVGVVLG ADEADQGVAP TVVDAEGKTI
 301 EQFEPGLIAY ARGGKDIKFN QPASTAGVSE WLRAQLHIIA AGYRVPYELL
 351 TGDLISQVNYS SLRGGLVEFR RMVDALQWQL VIPGFCEPVW RWFTEAAWVA
 ======
 401 GLIPNPVVKV EWQPPRFDAV DPLKDAQADL LMLRSGTMEL AQAIARQGYD
 451 PASQLGEIAE MNSALDRLKI VLSDSDPRMMT NAGTAQPDPN DPAGDTADNE
 501 QPGKSXPXPG D

HITS AT: 391-399

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 877723-81-4 REGISTRY

CN Protein (*Desulfobacterium hafniense* strain Y51 216-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE83792
 CN GenBank BAE83792 (Translated from: GenBank AP008230)
 FS PROTEIN SEQUENCE
 SQL 216

SEQ 1 MRLRRKAWAR PELESDPKVI YNPMHYKENW QEAFGNNHPV HLELGCGRGQ
 51 FINQCAELNP HINYIAIDL DEVILVKALRK INEKALHNVR VIPMNIAKLE
 101 SIFKHDQIEK IYINFNPWP SRRHHHKRLT HPQFLSVYKK LMKDHSIEIW
 151 KTDDDELFKD SLKYFAEAGF IEKYRTFDLH QSEFTENIKT EYEKEFSNQG
 ======

201 VKIKFGIFVV NKGRQN

HITS AT: 163-171

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 877707-56-7 REGISTRY

CN Protein (Desulfobacterium hafniense strain Y51 518-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE82167
 CN GenBank BAE82167 (Translated from: GenBank AP008230)
 FS PROTEIN SEQUENCE
 SQL 518

SEQ 1 MKLNLAFFAY HLADYAPRLY DSEIHGLGVA DVRFLDRQET FLSESVYIGM
 51 WDKLQALIKP PFYVVCIGRD ETTDRWLEEH GVKALILDSE VELNEVFERL
 101 QDIFQHYNRL ESELLEAVLC KEPLNVLLNI CAKFFANPTF ITDAALCLVA
 ===== =
 151 TCDNFAHPET DRAWQETIES GRSSSELLLL MKRKKLTNLL NTSRKAECVN
 201 VGENYSKIIIC ANYFDQEVRATFTVSEAYT PLSPLQAGLV DHVAKLLTAE
 251 VRKQHKASSR YLFAIRSNIS NLLHGQKIDE AILKTNFAHI GWTDQEDYRL
 301 LKIPPLTTAEL ADGTAGHNKRK IYESIFPHYV SLDLNEVLIL VIRCARDEA
 351 DKRRFAELKK HLKNENAACG VSKTFHDFFDM LGEEYKLANA ALEIGSWKYP
 401 KEALYFYEDM MLEHLFSEGS RIFNLRSLCH DSVLRRAEHD QONNSSLLQT
 451 LKVYLLQEKS LLAASQELHI HRNTLVYRLG KIEQISGLDL NSPLIRLQGI
 501 LSCLILEYLN GLEEKAPD

HITS AT: 133-141

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 868817-72-5 REGISTRY

CN Phage tail fiber-like protein (cyanophage P-SSM2) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAX44672
 CN GenBank AAX44672 (Translated from: GenBank AY939844)
 FS PROTEIN SEQUENCE
 SQL 1170

SEQ 1 MTRFRSGRVP HQHIGISSFT EDKLVLVDIG NATISGTLGV GVGTTNNSGNG
 51 NISIGGTTGT IGQYLKSTGV GVTWADFADV RDSQSFVATA GQTTFVFTAN
 101 ELNQYNPNFV DVYVNGVKLI NSEYDAFNNG NVVLSACFA GDIVELISYN
 151 TNQITNGMGG STIGINTFAT STFTHIGASG VVTATTYYGD GSNLTGVTT
 201 LRSEYADVSG ISTISQGLTG TPDIAVRNIN VGIATFTGNL DAVDASFSGN
 251 VSIGGTLTYE DVTNIDSVGL ITARNGIDVT GPIKGFSYTQ SPYSNTVETI
 301 IVKVVTKTAA HRYNGNGSSL GYTFDGVESV FLTLTPGKTY RFDQSDNSNL
 351 THQLRFYLDP EKVVEYLRTP GEIVYSGAAG SNGSYTEIQUI LDDTPTVLYY
 401 QCVNHSYMGNAVQVNTGHAI GFATAASIDT SGIITAFRYY GDGTYLSGVQ
 == ==
 451 SQLVIQEEGG AVGTAGTINF VGVGVVASVT DDIATIQVGN HFAVTAGIAT
 501 VAEGITGSPN ASFGSITATG LQMTGLCTAG TVFGNLVGGV AGGNWGGYDS
 551 TATNNVSAGQ NVSAGQSFTA GNGFYGDGSG ITNLVTTSDT APSNPTDGNL
 601 WWKSDEGQLK IYYQDADSAQ WVDANASGGA GSSGGSSDLL NDTPQLLGT
 651 LDLNRRDITG TGNISINGGL TLIGGTSNIG NVYSTGIVTA STFYGNIVGD
 701 LSGTSTGNVT GTVNATGLST FTTLINGDV NVSGASTITG ALDVTDSVDA
 751 HSINVSTAVT AISFHGDGQY LTNIYSAPPQ GISTTGYTGL TNLFCGGYLE
 801 VDGQSILDDV IVSAAATFQG ALSANTGPVT LNNTATINGTT NVTGPSTLTT
 851 VNVVGHSELD NVNISGVATA IGFVGPPLTGN AATASNLSGS PSISVTNVSA
 901 GIITATNGYY GNVNVNNQNI EVGNCTTQGT DNTIKVGSSA LEIFHRPAAY

951 ATYLQNKADT NLFITGNDAT GTWGNIFIRP YLSNFSGVAC WWGGATELFY
 1001 GNNNTKRLET TSGGVNIIGT LSKSGGSFKI PHPVGLSTT KHLVHSFLEG
 1051 PQMDLIYRGK VDLVGGTATV NIDTKAGMTE GTFVLLNRDV QCFTTNETGW
 1101 TAVKGSVTGN EITIVAQDNS CTDTISWMVV GERQDDTVKA LDMDTDSEGNL
 1151 IVEPDQPAAD TKHADVQAQL

HITS AT: 438-446

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867889-10-9 REGISTRY

CN Protein (Mus musculus strain NOD clone F630045F11 866-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41708

CN GenBank BAE41708 (Translated from: GenBank AK170312)

FS PROTEIN SEQUENCE

SQl 866

SEQ 1 MQNILYHGLI HDQVCCRQAD YWFVVKDIRW LSPHSALHVE KFISLHESDQ
 51 SDTDSVSERA VAEWLQHSL QCHCLSAQLR PLLGDRQYIR KFYTETAFLL
 =====

101 SDAHVTAMLQ CLEAVEQNPP RLLAQIDASM FARKQESPILL VTKSQSLTAL
 151 PGSTYNPPAS YAQHSYFGSS SSLQSMPQSS HSERRSTSF SLSGPSWQPQ
 201 EDRECLSPAET QTTPAPLPS DSTLAQDSPL TAQEMSGSTL TSPLAESWVS
 251 SQNDSPSDVS EGPEYLAIGN PAPHGRTASC ESHSSSQKLE SAASSLGDQE
 301 EGRQSQAGSV LRRSSFSEGQ TAPVASGTKK SHIRSHSDTN IASRGAAEgg
 351 QYLCGEGMF RRPSEGQSLI SYLSEQDFGS CADLEKENAH FSISESLIAA
 401 IELMKCNMMS QCLEEEEVEE EDSDREIQEL KQKIRLRRQQ IRTKNLLPAY
 451 RETENGNSFRV TSSSSQFSSR DSTQLSESGS AEDADDLEIQ DADIRRSAVS
 501 NGKSSFSQNL SHCFLHSTSA EAVAMGLLKQ FEGMQLPAAS ELEWLVPEHD
 551 APQKLLPIPD SLPISPDDGQ HADIYKLRI VRGNLEWAPP RPQIIFNVHP
 601 APTRKIAVAK QNYRCAGCGI RTDPDYIKRL RYCEYLGYF CQCCHENAQM
 651 VVPSRILRKW DFSKYVSNF SKDLLLKIWN DPLFNQVDIN SALYRKVKLL
 701 NQVRLLRVQL YHMKNMFKTC RLAKELLDSE DVVPGHLTED LHLYSLSDLT
 751 ATKKGELGPR LAELTRAGAA HVERCMLCQA KGFICEFCQN EEDVIFPFEL
 801 HKCRTCEECK TCYHKTCFKS GRCPRCRERLQ ARRELLAKQS LESYLSDYEE
 851 EPTEALALEA TVLETT

HITS AT: 91-99

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867887-58-9 REGISTRY

CN Protein (Mus musculus strain NOD clone F630032M11 927-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41645
 CN GenBank BAE41645 (Translated from: GenBank AK170223)
 FS PROTEIN SEQUENCE
 SQL 927

SEQ 1 MRPESAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDQVCCRQ A DYWQFVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDRQYI
 151 RKFYTETAF L LSDAHVTAML QCLEARVEQNN PRLLAQIDAS MFARKQESPL
 ======
 201 LVTKSQSLTA LPGSTYNPPA SYAQHSYFGS SSSLQSMPQS SHSSERRPTS
 251 FSLSGPSWQP QEDRECLSPA ETQTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSSQKL
 351 ESAASSLGDQ EEGRQSQAGS VLRRSSSFSEG QTAPVASGTK KSHIRSHSDT
 401 NIASRGAAEG GQYLCGEGM FRRPSEGQSL ISYLSEQDFG SCADLEKENA
 451 HFSISESLIA AIELMKCNMM SQCLEEEEVE EEDSDREIQE LKQKIRLRRQ
 501 QIRTKNLLPA YRETENG SFR VTSSSSQFSS RDSTQLSESG SAEDADDLEI
 551 QDADIRRSAV SNGKSSFSQN LSHCFLHSTS AEAVAMGLLQ QFEGMQLPAA
 601 SELEWLVPEH DAPQKLLPIP DSLPISPDDG QHADIYKLRI RVGNLEWAP
 651 PRPQIIFNVH PAPTRKIAVA KQNYRCAGCG IRTDPDYIKR LRYCEYLGY
 701 FCQCCHENAQ MVVPSRILRK WDFS KYYVSN FSKD LLLKIW NDPLFNQDI
 751 NSALYRKVKL LNQVRLRVQ LYHMKNMF KT CRLAKELLD S FDVVPGHLTE
 801 DLHLYSLSDL TATKKGE LGP RLAELTRAGA AHVERCMLCQ AKGFICEFCQ
 851 NEEDVIFPFE LHKCRTCEEC KACYHKTCKF SGRCPRCERL QARRELLAKQ
 901 SLESYLSDYE EEPTEALALE ATVLETT

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 867754-88-9 REGISTRY
 CN Protein (Mus musculus strain NOD clone F630007F11 927-amino acid) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE41507

CN GenBank BAE41507 (Translated from: GenBank AK170002)

FS PROTEIN SEQUENCE

SQL 927

SEQ 1 MRPESAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDQVCCRQ A DYWQFVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDRQYI
 151 RKFYTETAF L LSDAHVTAML QCLEARVEQNN PRLLAQIDAS MFARKQESPL
 ======
 201 LVTKSQSLTA LPGSTYNPPA SYAQHSYFGS SSSLQSMPQS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSSQKL
 351 ESAASSLGDQ EEGRQSQAGS VLRRSSSFSEG QTAPVASGTK KSHIRSHSDT
 401 NIASRGAAEG GQYLCGEGM FRRPSEGQSL ISYLSEQDFG SCADLEKENA
 451 HFSISESLIA AIELMKCNMM SQCLEEEEVE EEDSDREIQE LKQKIRLRRQ
 501 QIRTKNLLPA YRETENG SFR VTSSSSQFSS RDSTQLSESG SAEDADDLEI
 551 QDADIRRSAV SNGKSSFSQN LSHCFLHSTS AEAVAMGLLQ QFEGMQLPAA
 601 SELEWLVPEH DAPQKLLPIP DSLPISPDDG QHADIYKLRI RVGNLEWAP

651 PRPQIIFNVH PAPTRKIAVA KQNYRCAGCG IRTDPDYIKR LRYCEYLGKY
 701 FCQCCHENAQ MVVPSRILRK WDFSKYYVSN FSKDLLLKIW NDPLFNQDI
 751 NSALYRKVKL LNQVRLLRVQ LYHMKNMFKT CRLAKELLDS FDVVPGHLTE
 801 DLHLYSLSSDL TATKKGELGP RLAELTRAGA AHVERCMLCQ AKGFICEFCQ
 851 NEEDVIFPFE LHKCRTCEEC KACYHKTCFK SGRCPRCERL QARRELLAKQ
 901 SLESYLSDYE EEPTEALALE ATVLETT

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 867454-64-6 REGISTRY

CN Protein (Mus musculus strain C57BL/6J clone F730313B22 941-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAE42541

CN GenBank BAE42541 (Translated from: GenBank AK171583)

FS PROTEIN SEQUENCE

SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDVQVCCRQA DYWFVVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDQYI
 151 RKFYTETAFL LSDAHVTAML QCLEARVEQNN PRLLAQIDAS MFARKQESPL
 ======
 201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPQS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRATAS CESHHSSNGES
 351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCs GEGMFRPSE GQSLISYLSE
 451 QDFGGCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEVEEEDSDR
 501 EIQLKQKIR LRRQQIRTKN LLPAYRETEN GSFRVTSSSS QFSSRDSTQL
 551 SESGSAEDAD DLEIQDADIR RSAVNSNGKSS FSQNLSHCFL HSTSAAEVAM
 601 GLKQFEGMQ LPAASELEWL VPEHDAPQKL LPIPDSPIS PDDGQQADIY
 651 KLRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC ACCGIRTDPD
 701 YIKRLRYCEY LGKYFCQCCH ENAQMVVPSPR ILRKWDFSKY YVSNFSDKLL
 751 LKIWNDPLFN VQDINSALYR KVKLNNQVRL LRVQLYHMKN MFKTCRLAKE
 801 LLDSFDVVPG HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
 851 MLCQAKGFIC EFCQNEEDVI FPFELHKCRT CEECKACYHK TCFKSGRCPR
 901 CERLQARREL LAKQSLESYL SDYEEEPTEA LALEATVLET T

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 863073-18-1 REGISTRY

CN Protein ftsX (Corynebacterium glutamicum strain ATCC13032 clone RXA00009

gene ftsX) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 78: PN: US20050191732 SEQID: 86 claimed protein
 FS PROTEIN SEQUENCE
 SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
<hr/>	
Not Given	US2005191732
	claimed SEQID
	86

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDRVEVMI QLDEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPRDLP
 151 QVSNVIDQVD DLRGATENLN SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREEETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
 =====
 251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLLRFYVRK
 HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 25 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 853861-89-9 REGISTRY
 CN Cell division protein FtsX (*Corynebacterium jeikeium* strain K411 gene
 ftsX) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAI36614
 CN GenBank CAI36614 (Translated from: GenBank CR931997)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MKTNFVFREA FSGLRRNMTM TIAMIITTSI ALALLATGFL LSAMTERTKD
 51 IYFDRIEVMM QLDDKISSSD PTCASPECSE IKQQLEGDEA VKSVTFRNKE
 101 QSYERFVELF GESDPQLVEQ TEKDALPAAF HVRLADPENS APIDALRDNP
 151 TVTNIVDQGD NLEAMRNLD SIRNASFIVA AVQAAIAIFL IMNMVQITAY
 201 SRRSEISIMR MVGASRWYTQ APFVLEAMMA ALIGAVLAVG GMFAAKILVV
 =====
 251 DRALKAVYDQ QLVARVTNSD LWLAAPFVVL VGVVVAITA QVTLRWYVKN
 HITS AT: 216-224
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 825584-79-0 REGISTRY
 CN Protein, similar to human and bovine NADH-ubiquinone oxidoreductase 39 kDa subunit (Ehrlichia ruminantium strain Welgevonden) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAI26527
 CN GenBank CAI26527 (Translated from: GenBank CR925678)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYLV RYFSNAGYII KVFTRCPEKA KQLRLCGLLG
 ======
 51 QIEIVSGDIN NNKELVEHIS GCYGVINLIG TLYNTKKTTF YNVHAHVAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GGKVFQPVY VDDVAKL VFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKS KLFN ISFCLASILA
 251 FVFEIKIISI FSKLITGSTD PILTRDQVKF MMGMTQLHDM YPIDDLKE MG
 301 INFATVEDIV PQYLEIYKKS

HITS AT: 21-29

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 27 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 825575-27-7 REGISTRY
 CN Protein, similar to human and bovine NADH-ubiquinone oxidoreductase 39 kDa subunit (Ehrlichia ruminantium strain Gardel) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAI27484
 CN GenBank CAI27484 (Translated from: GenBank CR925677)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYLV RYFSNAGYII KVFTKCPEKA KQLRLCGLLG
 ======
 51 QIEIVSGDIN NNKELVEHIS GCYGVINLIG TLYNTKKTTF YNVHAHIAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GGKVFQPVY VDDVAKL VFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKS KLFN IPFCLASILA
 251 FVFEIKIISI FSKLITGSTD PILTRDQVKF MMGMTQLHDM YPIDDLKE MG
 301 INFATVEDIV PQYLEIYKNS

HITS AT: 21-29

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 28 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 811265-70-0 REGISTRY
 CN Amino acid transporter (*Cryptococcus neoformans* *neoformans* strain JEC21)
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAW43077
 CN GenBank AAW43077 ,(Translated from: GenBank AE017344)
 FS PROTEIN SEQUENCE
 SQL 556

SEQ 1 MGSDSPKAYE MEDYDPKVAG SVDQTEIHN ETGEGDIMRA RVLD SVNHRK
 51 LNARQIQLSS IAGAIGAALF VAIGSGVTAG PVALLIGFIF WATVVYSIAQ
 101 CQLEIVSLFP LDGSFIRLAG RMVDPALGTM VGYNHFFAQ SFVIFEATVV
 ====== ==
 151 NTLVSYWGYS ESPAILISVS LLLYLAINVY RADLFGEAEF WLALGKVLLA
 201 IGLILYTLIT MVGGNPLKDR FGFRYWKDPG PWAGDSPSTR LESFINAVNT
 251 AGFCIGGPEY ISMIAGEATD PRKTVPRAFK TIMARLVVFF IGGALCVGIL
 301 VPYNDPTLVA GDGTYAGGSP YVISMNRLKI PVLPSIVTAA LLTCIVSGGN
 351 AYTFNASRSL HALALDGKAP AVLRLRNKKG VPYLA VIVVM LFSCLAYLAL
 401 GSTSAKVLNW ILNFCTAATM LNWCVMAFTY VRFYSAMKVQ NIDRKEFLPV
 451 YSKFQPFAGY WALCWACLFY WLQGYSVFLK GNWNVATFIF NYGIIALAGA
 501 IGLFFKIYER TPFHKSKDVD LHSDLDFFDA LNQYYQQKDD DSPPANVKDK
 551 IMAKLF

HITS AT: 135-143

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAPLUS document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 29 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 810014-10-9 REGISTRY
 CN NADH-ubiquinone oxidoreductase subunit (*Ehrlichia ruminantium* strain Welgevonden) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAH57752
 CN GenBank CAH57752 (Translated from: GenBank CR767821)
 FS PROTEIN SEQUENCE
 SQL 320

SEQ 1 MSIRRIIIFG GSGFIGKYLV RYFSNAGYII KVFTRCPEKA KQLRLCGLLG
 ======
 51 QIEIVSGDIN NNKELVEHIS GCYGVINLIG TLYNTKKTF YNVHAHVAEN
 101 IAKIAKQLNV ELMVHFSAMG IDNICNSDYA KSKLIGERLV KESFPDAVIV
 151 RPNLVFGPED KFFNKFARLL MILPFLPVVG GGKFVFQPVY VDDVAKL VFH
 201 IIDYKIKDKL YNVCGPSTYS FKELLNLILS ITHRKS KLFN ISFCLASILA
 251 FVFEIKIISI FSKLITGSTD PILTRDQVKF MMGMTQLHDM YPIDDLKEMG
 301 INFATVEDIV PQYLEIYKKS

HITS AT: 21-29

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 30 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 806840-45-9 REGISTRY

CN GenBank BAD33177 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAD33177 (Translated from: GenBank AP004654)

FS PROTEIN SEQUENCE

SQL 495

SEQ 1 MNCCSSEAVL SSKVALLNSL FCTIVLPKEN CSNKMNCTKG GGFPLLFCAV
 51 ICLMAQQGAC NVVLIANNTT LSFDDVEATF TPEVKDSGVN GAIYAVEPLD
 101 ACSPLRKKAA NGPVSPFALV IRGGCQFDDK VRNAQNAGFK AVIVYDDEDS
 151 GVLVSMAGSS SGIYIYAVFL SKASGEVLKK YSGQSDVEVW ILPVYENSAW
 201 SIMAISFTSL LAMAALVATC FFVRRHQIRR DRGRIPVTRE FHGMSSQLVK
 251 AMPSLIFTKV QEDNSTSSSC AICLEDYSFG EKLRLVPCRH KFHATCVDMW
 301 LTSWKTFCPV CKRDASAGTS KPPASESTPL LSSVIHLSAE STALSSFRST
 351 VAVSPPRPIR RHPSSQSTS R AYSISSAPRN YNLQRYYTNS PYISTSRSNV
 ====== ==
 401 DLANMSSQWS HTPHQASMHS LRSGHLSLPI NIRYTIPHVS RSDYGSASLG
 451 LSHDSCSHHG SPSYYHSSLG QRQSYLMHRT ESGPSLSTMV LQSPQ.

HITS AT: 385-393

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR GenBank

L2 ANSWER 31 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 793506-19-1 REGISTRY

CN Protein (Azoarcus strain EbN1 1312-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAI09090

CN GenBank CAI09090 (Translated from: GenBank CR555306)

FS PROTEIN SEQUENCE

SQL 1312

SEQ 1 MLPNERRGDV AIIAGREWPA KVHEQREQLI RRIRRDGFAQ TMEAVAYTWF
 51 NRFAALRYME LHDYLGHGHR VLSSATAGGL PDIVAHASDL AASRQLPGLG
 101 ADVVTELKLA GNKDGELEYRL LLVAQCNALS AAMPFLFERI DDETELLLPD
 151 NLLRTDSVIA KLVAEIAEED WAEVEIIIGWL YQFYISEKKD QVIGKVVKSE
 201 DIPAATQLFT PNWIVQYLVQ NSVGRLWLM NPASTLKAEW PYIYEPAEQT
 251 PEVQAQLDEL IRQRCLEGSG QWSVVSGQEG RDGDYALS GT DCLAKGNELG
 301 RAGVSGHQGV SERRGLWADE SSTSGSGIDS FQHRGRSGAE VTGGVSQFSV
 351 DRSGVEGRSSG NADPDCRASQ VSDAGTGR TD TVTAGDFED ARRTAGTSSL
 401 TTNHWPPLTT PLDPESITVL DPACGSGHIL VEAYALLKGI YLERGYRLRD
 451 IPRLILEKNL YGLDIDDRAA QLAGFALLEMK ARADDRLFN DPPRLNVSL
 501 QESKGLLDLDE LATHLASFGI QRGTIKALLD TFEHAKTFGS LIQIPDALNA
 551 QLPALAEALG KANETGDLYA QAAAQDLLPL VEQAKVLGRK FDAVVANPPY
 601 MGKGKGMNGAL KEFAKAAPFD SKSDLFAMFI ERGFAWCKPN GFNSMVTMQS
 651 WMFLSSFQSM REKLLEQRTI ETMAHLGARA FSEISGEVVQ TTAFVLQGQH
 701 FFGFKPTFFR LVDGQEADKE AALRSNQCRF DATAQDDFKK IPGSPVAYWV
 751 SRALFDVFAT LEPLQERAHV RKGLATCDDL RWVRLWHEVD YSLSNTQREP
 801 SSEEVGRGLGR WFPLLKGGSF RKWYGNTAYL INWENDGRLL KASIVERYGG
 ======

851 GSYTKEVRSE DYYFRPCNTW SDITSGSFGA RYCPNGFITS TVGGGIYSAS
 901 DSDEYQFCAM LNSKPTSDWL RIINPTLHAN PGDIAQLPLP PHEVLTGVEI
 951 SRLGRAAVSL TRSDWDAYER SWDFQSFPPLL TASADPDSTL ESSYTAWVTQ
 1001 NHDTIVEMKR LEEENNRLFI DAYGLQDELT PDVPIEQITL TVNPAYRYGG
 1051 NLTEVEQWTR FRQDTMEELV SYAIGCMMGR YSLDEPGLIY AHAGNVGFDA
 1101 NRYKTFPADA DGIVPITDEF WFEDDAANRV REFLRAVGWA DTLDENMAWL
 1151 AESLGTKANE TPDETIRYL ADKFFKDHLQ TYKKRPIYWL FSSGKQGAFQ
 1201 ALVYLHRYHE GTLARLRAEY VVPLTGKLQA RIDMLEKDA AAPSTATRNK
 1251 LNKQIEKLK KHVELLAYDE KLRHYADMRI RLDLDEGVKV NYGKFGDLLA
 1301 EVKAVTGGAG DE

HITS AT: 822-830

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 32 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 775509-64-3 REGISTRY

CN Protein (Candida albicans clone WO2002086097-SEQID-15613) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5037: PN: WO02086097,SEQID: 15612 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

====	=====
Not Given	WO2002086097
	claimed SEQID
	15612

SEQ 1 MGCGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLCDQPNM SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFDRSN EFQLEGSADY YFDNVFNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSERKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL NSKFANTPF ILFLNKIDIF
 ===== =
 351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
 401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGII

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 33 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 736629-04-2 REGISTRY
 CN Protein (*Oryza sativa* clone PAT_MRT4530_76241C.1.pep fragment) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3708: PN: US20040123343 SEQID: 178712 claimed protein
 FS PROTEIN SEQUENCE
 SQL 582

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference

Not Given|US2004123343
 |claimed SEQID
 |178712

SEQ 1 MPLGORAGDK SESRYCGEV LDFFPAGEELP AVLSHSLSSS FDFLLAPLVD
 51 PDYRPTPGSV LPVAASDLVL GPAQWSSHV GKISEWIDL D AEDEQLRLDS
 101 EITLKQEIAW ASHLSLQACV LPPPKRSSCA NYARVVNHIL QGLTNLQLWL
 151 RIPLEKSEPM DEDHDGAKDN SDMVGYSLIR STLPSMNSLG RWFGEPAFLT
 =====
 201 NARGYPCLSK RHQKLLTGFF NHSVQVIISG RSNHNVSQGG VLSGDENHTE
 251 DTAVRHALSP YLDYIAYIYQ RMDPLPEQER FEINYRDFLQ SPLQPLMDNL
 301 EAQTYETFEK DTVKYTQYQR AIAKALVDRV SDDDVTSTKT AAEETGRKLK
 351 VYAVEKNPNA VITLHSLIK L EGWESLVTTI SSDMRCWEAP EKADILVSEL
 401 LGSGFDNELS PECLDGAQRF LKPDGISIPS SYTSFIEPIT ASKLHNDIKA
 451 HKDIAHFETA YVVVKLHRIAR LAPTQS VFTF DHPNPSPNAS NQRYTKLKFE
 501 IPQETGSCLV HGFAGYFDAV LYKDVGHLIE PNTATPNMFS WFPIFFPLRK
 551 PIYVPSKTP EVHFWRCCGA TKEKGEERER IE

HITS AT: 191-199
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA Cplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 34 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 734459-09-7 REGISTRY
 CN Protein (plasmid pAgK84 204-amino acid) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAS02132
 CN GenBank AAS02132 (Translated from: GenBank AY442931)
 FS PROTEIN SEQUENCE
 SQL 204

SEQ 1 MPLRRITFSS AKAGPVGRFS PRSIWERWPA VRLRYFANTA WLMCASSRRA
 ===== ==
 51 LMSSAVSGAA VGAASANSRI VILRKSASSS VSFARISLAS SRISSLSDRG
 101 GLIFVVILHL VQNSSGKILF YTLWICEPLF GDCFQVFEII IGNVLTLALR
 151 KTCEKDGNVP CPKKQDRSIT AASPLPRASN PLFDEATTEI GVDQTLISSI
 201 RC LD

HITS AT: 34-42
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS, TOXCENTER
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 35 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 716772-46-2 REGISTRY
 CN Protein (Oryza sativa clone PAT_MRT4530_31457C.1.pep fragment) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 4175: PN: US20040123343 SEQID: 129175 claimed protein
 FS PROTEIN SEQUENCE
 SQL 514
 NTE

type	-----	location	-----	description
uncommon	Aaa-466	-	-	

PATENT ANNOTATIONS (PNTE):
 Sequence | Patent
 Source | Reference
 =====+=====

Not Given	US2004123343
	claimed SEQID
	129175

SEQ 1 MNCTKGFFP LLFCAVICLM AQQGACNVVL IANNTTLSFD DVEATFTPEV
 51 KDSGVNGAIY AVEPLDACSP LRKKAANGPV SPFALVIRGG CQFDDKVRNA
 101 QNAGFKAVIV YDDEDGVLV SSNFTVAGSS SGIIYIYAVFL SKASGEVLKK
 151 YSGQSDVEVW ILPVYENSAW SIMAISFTSL LAMAAVLATC FFVRRHQIRR
 201 DRGRIPVTRE FHGMSSQLVK AMPSLIFTKV QEDNSTSSSC AICLEDYSFG
 251 EKLRLVLPCHR KFHATCVDMW LTSWKTFCPV CKRDASAGTS KPPASESTPL
 301 LSSEVIHLSAE STALSSFRST VAVSPPRPIR RHPSSQSTS AYSISSAPRN
 351 YNLQRYYTNS PYISTSRSNV DLANMSSQWS HTPHQASMHS LRSGHLSLPI
 ====== ===
 401 NIRYTIPHVS RSDYGSASLG LSHDSCSHHG SPSYYHSSLG QQRSYLMHRT
 451 ESGPSLSTMV LQSPQXVSSS TMANQEKSIS CGLTRSLRQA YVQHCLDSDG
 501 SLSAVTSDQS LPRC

HITS AT: 355-363
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 36 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 714158-75-5 REGISTRY

CN GenBank AAT75885 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAT75885 (Translated from: GenBank AE017263)
 FS PROTEIN SEQUENCE
 SQL 510

SEQ 1 MKHAKINSHF YDECKKVREA VGGIKNIELI NRCSTRIRIK VIDITKLNLN
 51 KLEGSKIFVK TLLKDDFVQL IVNENIDEVF LNLLKSLKIS YEEIPNDFEV
 101 RVNKEGNFFK VVTDGISVIV KPLIPLLITM AIVATLSNVF NGIDFGSGTL
 151 SETGQFAKAV GEMFDILQKA LNLAFSIMIP WSIFKLMKGS QAIGISIGIV
 201 LCFHGLISTN DIMSGEYGGI FKWFGDASFL ESGYPWKISY VGQILPIVAM
 ======
 251 SFIAVYIERF ANKFDIPVFK EMVAIPMITI STFFIGILLV GPLGLLLTYG
 301 MNEGVVWATT DNVAKYIFNP ILGLALPWLV ITGLIQVLVV INLQQFTTFG
 351 GTTMMMPMFTQ LNIHAVATSIL AVTIINRHNK ELKRTAIPSY SLAYVSGSTE
 401 PALFGVGLKF VYPVIAASIG ATVGIIITF AGVICTNGNA SLLVFLSITT
 451 KPEILDKFNI HTIAGGPYLW MAIAIVATFI TTFFATIGLS KIKVFKEMNA
 501 KVLERDFSVN

HITS AT: 222-230
 MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 37 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 704848-32-8 REGISTRY
 CN Protein (Debaromyces hansenii strain CBS767 632-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAG90892
 CN GenBank CAG90892 (Translated from: GenBank CR382139)
 FS PROTEIN SEQUENCE
 SQL 632

SEQ 1 MPLMYFSGED SNDITFDEPA RNRLVLDPTL FARVQNDEEQ NVRVFLDTHL
 51 LRIRSRRGLV EHAPKFKVSK NHASIGVGVA PDLSALAYIT DAMINADEFRE
 101 MSSKEFKNSY LAPLETGIRG QKFSIWPLR SYRYPFGNPQ RVENHIQYYF
 151 NGTICVPIND IYQDICCGIHH YFGNASYLRLP PLNKDIFIEP DIIHFAEYES
 ======
 201 GDGHFPEICF GLGDKTENY YLAQGFEKFK EAIEDFRRMD QQTEYLYQDA
 251 HWNPGLFAL VLSKYFYDAF LCGTNRILTS NHQSFSGFFK YDIVEGQMSV
 301 DYHIISDPET FAHGITLRSA MAGFFYQTED DAIEIQNRLR KYVSIAHTAK
 351 KSDPLLNVRP KSLRDSSMRS FDTVSEAADK ENVHEIKDKI YGNTYCRVIY
 401 DSAKCYPSSL VYLPSTVFVK LYYYSSRLWR QNDLTCFGIP DRKGYYDMFF
 451 NELVINEEIA KSQFASNFPK LFASGYWNGL TDHPMHIFEY LGKEIPREOW
 501 DEKKVYEVIM LRLKEIHLLR ISHNDILRSN IHVSESGKIT LIDFGLSKFP
 551 CSEESKQDDL ESLDNIFGVN SSTNKKEEDE QVNPDITKSQ VAVNDKGDTN
 601 HNDESDENTS SDFELAEMSF ESHDTKTTT TK

HITS AT: 170-178
 MF Unspecified
 CI MAN
 SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 38 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 704848-31-7 REGISTRY

CN Protein (Debaryomyces hansenii strain CBS767 632-amino acid) (9CI) (CA
 INDEX NAME)

OTHER NAMES:

CN GenBank CAG90891

CN GenBank CAG90891 (Translated from: GenBank CR382139)

FS PROTEIN SEQUENCE

SQL 632

SEQ 1 MPRMYFSGED SNDITLDEPA RNRLVLDPTL FARVQNDEEQ NVRVFLDTHL
 51 LRIRSRRGLV EHAPKKFVSK NHASIGVGMA PDLSALAYIT DAMINAGFRE
 101 MSSEEFKSSY LAPLETTIRK LKLRTRPLAI QNYNPLGNPQ HVEQNIQYYF
 151 NGTICVPIND IYQDICGVHH YFGNASYLKP PLNKDIFIEP DIIHFAEYEL
 = ======
 201 EGGRFPDICF GLGDKTENY YLAQGFEEFK VAIEDFRRMD QQTEYLYQDA
 251 HWNPNGILFAL VLSKYFYDAF LCGTNRILIS NHQSFSGGFK YDIVEGQMSV
 301 DYHIISDPET FAHGITL RSA MAGFFYQTED DAIIEIQNRLR KYVSIAHTAK
 351 KSDPLLNVRP KSLRDSSMRS FDTVSEAADK ENVHEIKDKI YGNTYCRVIY
 401 DSAKCYPSLS VYLPSTVFVVK LYYYSSRLWR QNDLTCFGIP DRKGYYDMFF
 451 NELVINEEIA KSQFASNF PK LFASGYWNGL TDHPMHIFEY LGKEIPREQW
 501 DEKKVYEVIM LRLKELHLLR ISHNDILRSN IHVSESGKIT LIDFGLSKFP
 551 CSEESKQDDL ESDLNIFGVN SSTNKKEEDE QVNPDITKSQ VAVNDKGDTN
 601 HNDESDENTS SDFELAEMSF ESHDTKTTT TK

HITS AT: 170-178

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 39 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 704721-47-1 REGISTRY

CN Protein (Kluyveromyces lactis strain NRRL Y-1140 gene GBA1_KLULA) (9CI)
 (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAG98942

CN GenBank CAG98942 (Translated from: GenBank CR382126)

FS PROTEIN SEQUENCE

SQL 447

SEQ 1 MGCVA STGNY ENEDDPFIQN KRANDLIEQN LQQERNKNKN EVKLLLLGAG
 51 ESGKSTV LKQ MKLLHQGGFT HRERMQYQGV IWADAI ESMR TLILQAGKLG
 101 IE LDSDLKNA HSGQLVNTEL HQCKEKI FRA NTLDQIDARM AGGSEFLNEY
 151 VLKYNGIGSK KKRQTTLGFK ESGNADPEEE DETDAFLSEK LAGTSYTGSS
 201 ETSELKR IDQ STNEEIA YAI KKLWTQDKGI RQCFNRSSEF QLEGSASYYF
 251 DNIK FARVD YVCDDMDILK GRIKTTGITE NSFKIGPSTF KVYDAGGQRS
 301 ERRKWIHC FCE GITAVVFVIA ISEYDQMLFE DERVNRMHES IVLLDTLLNS
 351 RWFANTPFIL FLNKV DIFQK KVKRSPIRTW FPNYPGKLGD SETGLKYFES
 ======
 401 LFLSLNRSNK PIYVHRTC AT DTQSMRFVLG AVTDLVIQQN LKKSGIL

HITS AT: 351-359

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 40 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 696882-65-2 REGISTRY
 CN Protein (Candida albicans strain SC5314 clone US6747137-SEQID-15576) (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 3576: PN: US6747137 SEQID: 15576 claimed protein
 FS PROTEIN SEQUENCE
 SQL 434

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
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Not Given	US6747137
	claimed SEQID
	15576

SEQ 1 YQYSIMGCAGA SVPVDDDEID LFLQDKRIND AIEQLSQLRQ QNSKKGVKLL
 51 LLGAGESGKGS TVLKQLKLLH KGGFTQQERR QYSHVIWCDV IQSMKVLIQ
 101 ARKLKIKLDC DQPNNSLIPY KQIILRSDPL KQIDADVAGG TDFLNDVVK
 151 YSEENKNKRR LKSTGTTDIW GKDDDSNINS DAINQALELS LNKDSEQFTR
 201 LSIAEAIHKL WKLDSGIKKC FDRSNEFQLE GSADYYFDNV FNFADTNYLS
 251 TDLDILKGRI KTTGITEETDF LIKSFQFKVL DAGGQRSERK KWIHCREDIT
 301 AVLFVLAISE YDQNLFEDER VNRMHEYIVL FDSCLCNSKWF ANTPFILFLN
 === =====
 351 KIDIFENKIKNPLKNYFPD YDGKPDDTNE AIKFETNFL KINQTNKPIY
 401 VHRTCATDSK SMKFVLSAVT DMIVQQNLKK SGIM

HITS AT: 338-346
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 41 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 689706-15-8 REGISTRY
 CN LOC432185 protein (Xenopus laevis clone IMAGE:4960015 gene LOC432185)
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAH72295
 CN GenBank AAH72295 (Translated from: GenBank BC072295)
 FS PROTEIN SEQUENCE
 SQL 724

SEQ 1 VSVKMAALSE HFTLCGLLTG TDDGKSEILG VEPAGEPDRV LVTDSVQAVT
 51 LYKVSDQKPO GAWAVKQGQS ITCPAVLNPE SGEFIVVHDD KVLRIWKEDN
 101 VNLDIAFKAT LSADVCRIHT LPNTDPLVLF KGGAVHFLDS LLTDPQQKIG
 151 TVLSDGERIV WSEIFADDGQ PLIVYLTQQF SNYFVYIHKF SPVCVCKYHL
 201 KPNTEDSTIL DCSGSVKSII FTLLTLYSSG QVCQTPFPVS LINKETERVV
 251 SASPLLQLSG PIEVGALNFL DESHVAVLIS SSSEQKECLS IWNTTFQTLQ
 301 AARNFQQRTS AQLWCYDNKL FVPHGKTLVV VPYVCEASCL ASVLGKSRNI

351 QTSVLENVPF VNWDKLVGKD PETKPSNAGA QKKTRERKTN ANAGNGTESI
 401 LYPFDVQNIQ QTQTEAFVQQ LLLGKEDTDF QITVGKITQG LVKRCMADPK
 =
 451 FYPQSSFVQL VQTNTLSYSL CPDLLSLFLE KRDVPLLQLC LHSFPDVPEV
 ======
 501 ILCSCLKAFL SISEKLVNAQ QINTELASLY IDVGGDKDKEH KYTEHPEEPS
 551 VLQNGFSPTA LEEDSCDELI AESLPQTTQK ATCPISIKRA VLVNSILISP
 601 YNESFLLPHL KDMMSGQVMF FLRYLLYLYL KFNENITINH PGKQMPTVSQ
 651 IVDWMSMLLD AHFATVVMLS DAKALLNKIQ KTVKSQLKFY SEMNKIEGCL
 701 AELKELKCPA RVSARYSIEV LQLY

HITS AT: 450-458

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 42 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 679247-64-4 REGISTRY

CN Protein (Listeria monocytogenes strain 4b F2365 372-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAT02809

CN GenBank AAT02809 (Translated from: GenBank AE017322)

FS PROTEIN SEQUENCE

SQL 372

SEQ 1 MKSRKKGIIL VLSIIIFSI GLLVNNIMTN NKDTAKPKKK TVAAVKKKKE
 51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
 101 VDLETAITTR TKKVPYQEFW IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
 151 EDGLLDTTAA LRANNLAYVG AGKNEDEAYQ LKVADIKGNK VGFMSFCHFF
 ====
 201 PNTGWIADED TPGVTNGYDI NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK
 =====
 251 TNTPVDYQTQ YVKKLVDDHL VDAIVASHPH WLQSFEVYKD VPIAYSLGNF
 301 LFPPDYVSGHS AETGIYKLFN NQGKVTAHFD PGIISGNQIN MLDGSAKTAQ
 351 LNYLQSISPN ATINSNGDIS AK

HITS AT: 198-206

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 43 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 674849-80-0 REGISTRY

CN Protein DITHP (diagnostic and therapeutic protein) (human Incyte clone 1152478.PT22p) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2940: PN: WO2004023973 SEQID: 2940 claimed protein

FS PROTEIN SEQUENCE

SQL 317

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given | WO2004023973

| claimed SEQID

| 2940

SEQ 1 MGTRLLFWVA FCLLGADHTG AGVSQSPSNK VTEKGKDVEL RCDPISGH^A
 51 LYWYRQSLGQ GLEFLIYFQG NSAPDKSGLP SDRFSAERTG GSVSTLT^IQR
 101 TQQEDSAVYL CASSLATAWH NYHFGEGSWL TVVGDPLPFP EDLNKVF^PPE

=====

151 VAVFEPESEAE ISHTQKATLV CLATGFFPDH VELSWWVN^GK EVHSGVSTD^DP
 201 QPLKEQPALN DSRYCLSSRL RVSATFWQNP RNHFRCQVQF YGLSENDEWT
 251 QDRAKPV^TQI VSAEAWGRAD CGFTSVSYQQ GVLSATILYE ILLGKATLYA
 301 VLVSALVLMA MVKRKDF

HITS AT: 122-130

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA C^Aplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 44 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 668086-58-6 REGISTRY

CN Protein (mouse strain C57BL/6J clone MGC:76451 IMAGE:30432960 gene 1700021K19Rik) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH67390

CN GenBank AAH67390 (Translated from: GenBank BC067390)

FS PROTEIN SEQUENCE

SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQOLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERL^CR DMQNILYHGL IH^DQVCCRQA DYWFVKGIR WLSPHSALHV
 101 EKFISLHESD QSDTDSV^SER AVAELWLQHS LQCHCLSAQL RPLLGDRQYI
 151 RKFYTETAF^L LSDAHVTAML QC^EAVEQNN PRLLAQIDAS MFARKQESPL

=====

201 LVTKSQSLTA LPGSTYT^PPA SYAQHSYFGS SSSLQSMPQS SHSSERRSTS
 251 FLSLGPSPWQ^P QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMS^DST
 301 LTSSLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES
 351 SSSH^LFSSSS SQKLESAASS LGDQE^EGR^LS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAEGGQYLC^S GEGMFR^RPSE GQSLISYLSE
 451 QDFGSCADL^E KENAHFSISE SLIAAI^ELMK CNMMSQCLEE EEEVEEDSDR
 501 EI^QELKQKIR LRRQQI^RTKN LLPAYRE^TEN GSFRVTSSSS QFSSRDSTQ^L
 551 SESGSAEADAD DLEIQDADIR RSAVSN^GKSS FSQNLSHCFL HSTS^AEAVAM
 601 GLLKQFEGMQ LPTASELEWL VPEHDAPQKL LPIPDSLPI^S PDDGQHADIY
 651 KLRIRVRGNL EWAPP^RPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
 701 YIKRLRYCEY LGKYFCQC^CCH ENAQMVVP^SR ILRKWDFSKY YVSNF^SKDLL
 751 LKIWNDPLFN VQDINSALYR KV^KLLNQVRL LRVQLYHMKN MF^KTCRLAKE
 801 LLDSFDVVPG HLTEDLHLYS LSDLTATKKG ELGPR^LAELT RAGAAHVERR
 851 MLCQAKGFIC EFCQNEEDVI FP^FFELHKCRT CEECKACYHK TCFKSGRC^PR
 901 CERLQARREL LAKQSLESYL SDYEEEPTEA LALEATVLET T

HITS AT: 152-160

MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

 L2 ANSWER 45 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 666934-61-8 REGISTRY
 CN Transcription-associated protein (Glycine max clone
 PAT_MRT3847_135535C.1.pep fragment) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2195: PN: US20040031072 SEQID: 182195 claimed protein
 FS PROTEIN SEQUENCE
 SQL 120

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
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Not Given	US20040031072
	claimed SEQID
	182195

SEQ 1 MFNNNSPLVMA SRRFQQKWGN CHSAYIMLCV LGINPLNEHS YIYHFCRDTI
 51 LTTIYYVYHN PKFVKAQLHW YPETTYIYLQ NPVVARPRLT RLCVYKQRRL
 == ==
 101 KKKGGINALS RCAVWASNNH
 HITS AT: 69-77
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 46 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 666559-25-7 REGISTRY
 CN GenBank BAD03310 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAD03310 (Translated from: GenBank AP004654)
 FS PROTEIN SEQUENCE
 SQL 495

SEQ 1 MNCCSSEAVL SSKVALLNSL FCTIVLPKEN CSNKMNCNTKG GGFPLLFCAV
 51 ICLMAQQGAC NVVLIANNTT LSFDDVEATF TPEVKDSGVN GAIYAVEPLD
 101 ACSPLRKAA NGPVSPFALV IRGGCQFDDK VRNAQNAGFK AVIVYDDEDS
 151 GVLVSMAGSS SGIYIYAVFL SKASGEVLKK YSGQSDVEVW ILPVYENSAW
 201 SIMAISFTSL LAMAAVLATC FFVRRHQIRR DRGRIPVTRE FHGMSSQLVK
 251 AMPSLIFTKV QEDNSTSSSC AICLEDYSFG EKLRLVPCRH KFHATCVDMW
 301 LTSWKTFCPV CKRDASAGTS KPPASESTPL LSSVIHLSAE STALSSFRST
 351 VAVSPPRPIR RHPSSQSTS AYSISSAPRN YNLQRYYTNS PYISTSRSNV
 ==== = ==

401 DLANMSSQWS HTPHQASMHS LRGHLSLPI NIRYTIPHVS RSDYGSASLG
 451 LSHDSCSHHG SPSYYHSSLG QQRYSYLMHRT ESGPSLSTMV LQSPQ
 HITS AT: 385-393

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 47 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 644705-44-2 REGISTRY

CN GenBank CAF19509 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAF19509 (Translated from: GenBank BX927150)

FS PROTEIN SEQUENCE

SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDRLRVEVMQ QLDEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPVRDLP
 151 QVSNVIDQVD DLRGATENLID SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
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251 DKALRGLYDS QLIAPVTTTD IWLVAPIIISG IGVVIAGIIA QLTLLRFYVRK
 HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 48 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 638183-33-2 REGISTRY

CN L-Leucine, L-arginyl-L-tryptophyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 40: PN: WO03106682 SEQID: 54 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given | WO2003106682
 | unclaimed.
 | SEQID 54

SEQ 1 RWFPNAPYL

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HITS AT: 1-9

MF C58 H78 N14 O12

SR CA

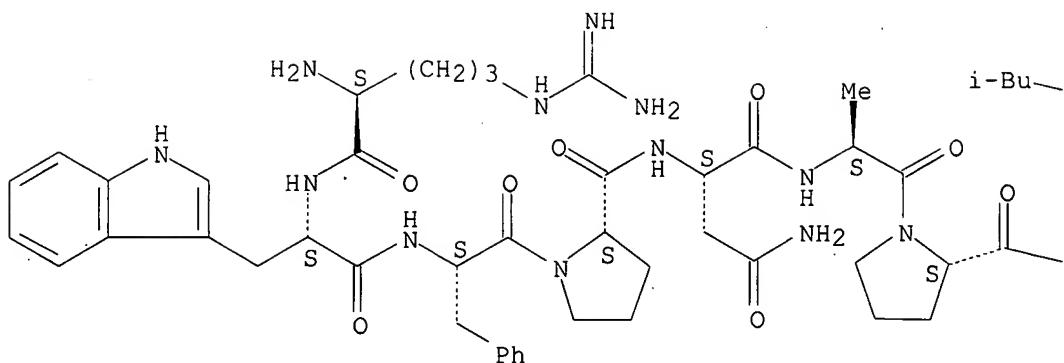
LC STN Files: CA, CAPLUS, TOX CENTER, USPATFULL

DT.CA CAplus document type: Patent

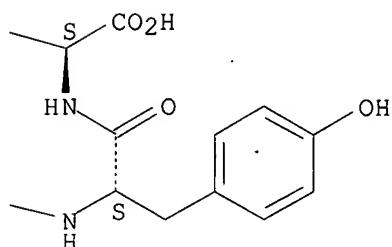
RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 49 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 638183-30-9 REGISTRY

CN L-Leucine, L-arginyl-L-phenylalanyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 39: PN: WO03106682 SEQID: 53 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given | WO2003106682

 | unclaimed

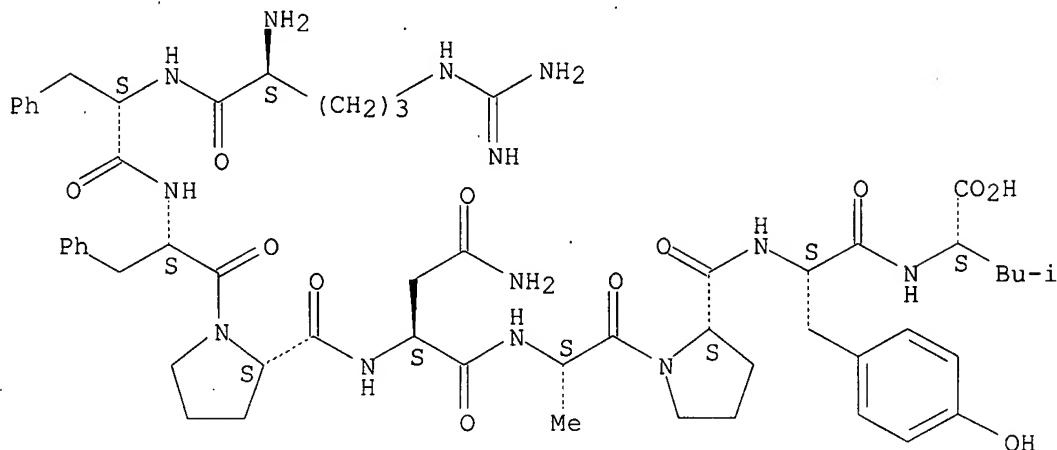
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SEQ 1 RFFPNAPYL

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HITS AT: 1-9
 MF C56 H77 N13 O12
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 50 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 638183-01-4 REGISTRY
 CN L-Methionine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 14: PN: WO03106682 SEQID: 15 unclaimed sequence
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9

PATENT ANNOTATIONS (PNTE):

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Source	Reference
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	unclaimed
	SEQID 15

SEQ 1 RYFPNAPYM

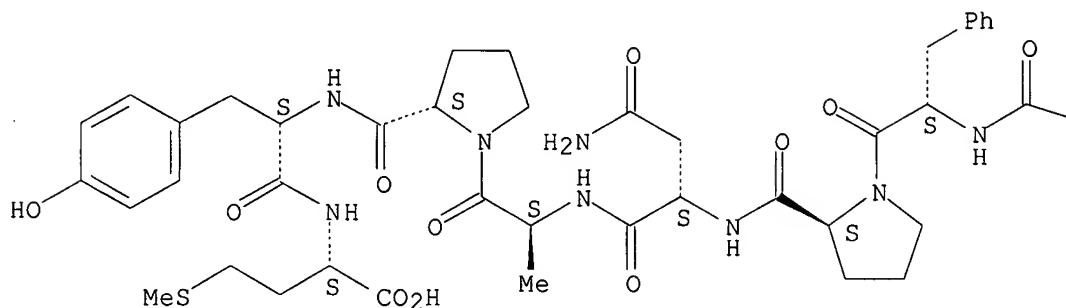
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HITS AT: 1-9
 MF C55 H75 N13 O13 S
 SR CA

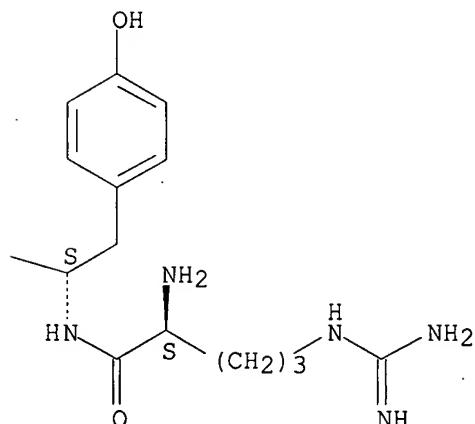
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 51 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 638183-00-3 REGISTRY
 CN L-Isoleucine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 13: PN: WO03106682 SEQID: 14 unclaimed sequence
 FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

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Not Given | WO2003106682

| unclaimed

| SEQID 14

SEQ 1 RYFPNAPYI

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HITS AT: 1-9

MF C56 H77 N13 O13

SR CA

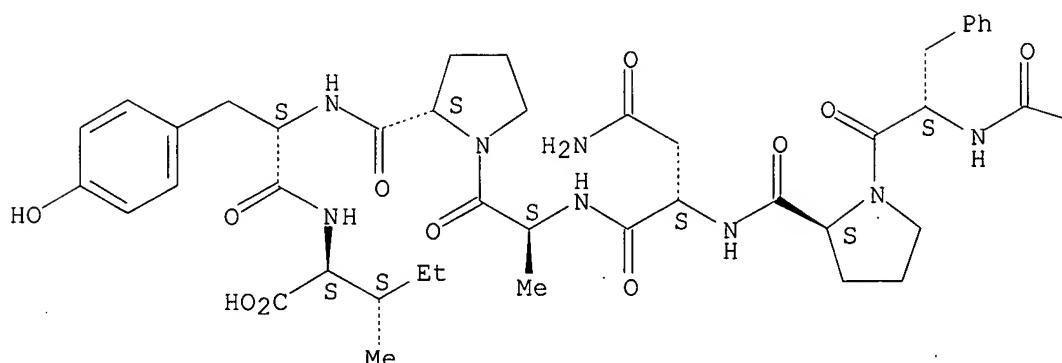
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

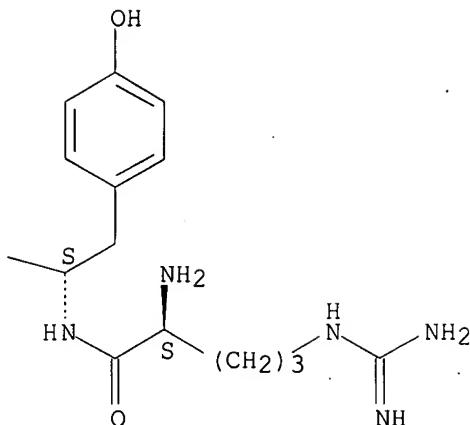
RL.P Roles from patents: PRP (Properties)

Absolute stereochemistry.

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 52 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 638182-89-5 REGISTRY

CN L-Leucine, L-arginyl-L-tyrosyl-L-phenylalanyl-L-prolyl-L-asparaginyl-L-alanyl-L-prolyl-L-tyrosyl- (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO03106682 SEQID: 2 claimed sequence
 CN 36: PN: WO2005045027 SEQID: 36 unclaimed protein
 CN 3: PN: WO2005001117 SEQID: 11 unclaimed protein
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given | WO2003106682
 | claimed SEQID
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SEQ 1 RYFPNAPYL

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HITS AT: 1-9

MF C56 H77 N13 O13

SR CA

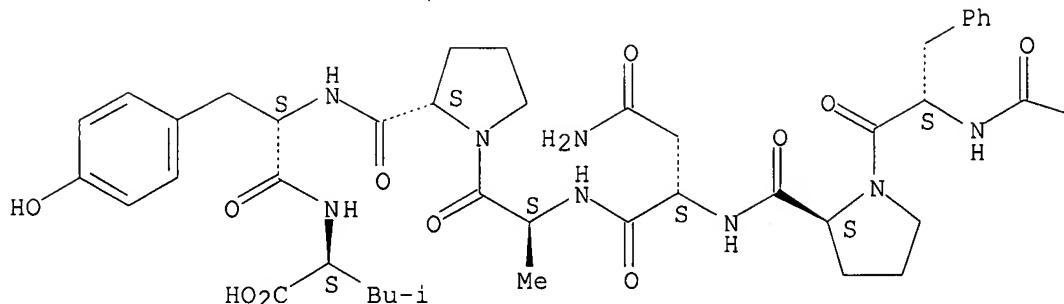
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

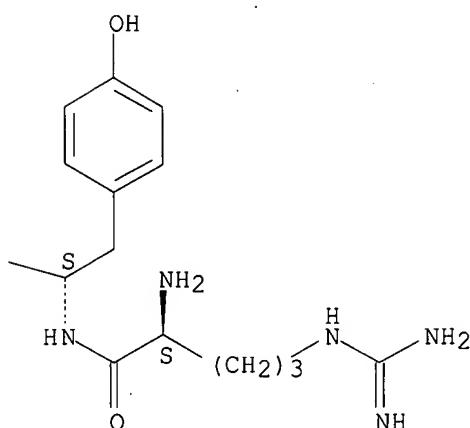
RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 53 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 626129-45-1 REGISTRY
CN Ribonuclease H (*Bdellovibrio bacteriovorus* strain HD100 gene *rnhA*) (9CI)

(CA IND

OTHER NAMES:

CN GenBank CAE80890

CN GenBank CAE80890

FS PRO

SEQ 1 MTEKPRLVRM LGVSTNTRDH IMIYSDGACS GNPGPGGWGS VILYPDNOVQ
25 DEDDCEMNTET NNGMNTMLL EDIYVWVWVW VWDPEWETST VILPCTQW

101 HGWRRRGWKT AEGGEVSNQD IWEDLSHVVA ARGTQGKIEW HYSRGHVGIP
 151 GNERCDRIAV AFSKNDYVSL YSGSLDQYPY DLLQVPADTS LPEMKGPGEK
 201 KKEAFSYLSN LGGLVYRHRT WPACQKRVSG QSGAKFKKAT SAAEEIEILK
 251 SWGLSPSTVI KEG
 HITS AT: 84-92
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

 L2 ANSWER 54 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 615219-79-9 REGISTRY
 CN Cell division protein (*Corynebacterium diphtheriae* strain NCTC13129) (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAE49271
 CN GenBank CAE49271 (Translated from: GenBank BX248356)
 FS PROTEIN SEQUENCE
 SQL 300

 SEQ 1 MKLGFVFREA FRGLGRNITM TIALIITTAI SLALLATGFL VTNMTKETKD
 51 IYLDRVEVMV QLNENISAND KDCSSQACRD VRDKLDGADG IETVTYRSRQ
 101 QSYDRFVEVF KDTDPQLVAE TSPDALPAAL HVRLEDPLDT KPLDQVRDME
 151 QVDTIVDQVD DLRGATDNLD AIRNSTFIFA AIQAIAAIFL IVNMVQIAAF
 201 NRREEISIMR MVGASRWYTQ APFVIEAMVA ALFGAILSGL ALFGGKVWVV
 ===== =====
 251 DKLKGGLYDS QLIARVSNAQ IWAVAPVVAV IGIIFAAITA QATLRWYVRK
 HITS AT: 216-224
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS, TOXCENTER
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

 L2 ANSWER 55 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 613213-57-3 REGISTRY
 CN 1700021K19Rik protein (mouse strain C57BL/6 clone MGC:79154 IMAGE:5706123)
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAH60601
 CN GenBank AAH60601 (Translated from: GenBank BC060601)
 FS PROTEIN SEQUENCE
 SQL 956

 SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHDVQCCRQA DYWQFVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDROQYI
 151 RKFYTTETAFL LSDAHVTAML QCLEAREQNN PRLLAQIDAS MFARKQESPL
 ===== =====
 201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPQS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHSSNGES

351 SSSHLFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAGGPRNITI IVEDPIAEGG QYLCSEGEGMF
 451 RRPSEGQSLI SYLSEQDFGS CADLEKENAH FSISESLIAA IELMKCNMMS
 501 QCLEEVEE EDSDREIQEL KQKIRLRRQQ IRTKNLLPAY RETENGSFRV
 551 TSSSQFSSR DSTQLSESGS AEDADDLEIQ DADIRRSAVS NGKSSFSQNL
 601 SHCFLHSTSA EAVAMGLLKQ FEGMQLPAAS ELEWLVPED APQKLLPIP
 651 SLPISPDDGQ HADIYKLRIR VRGNLEWAPP RPQIIFNVHP APTRKIAVAK
 701 QNYRCAGCGI RTDPDYIKRL RYCEYLGKYF CQCCHENAQM VVPSRILRKW
 751 DFSKYYVSNF SKDLLKIIWN DPLFNQVDIN SALYRKVKLL NQVRLLRVQL
 801 YHMKNMFKTC RLAKELLDSDF DVVPGHLTED LHLYSLSDLT ATKKGELGPR
 851 LAELTRAGAA HVERCMLCQA KGFICEFCQN EEDVIFPFEL HKCRTCEECK
 901 ACYHKTCFKS GRCPRCERLQ ARRELLAKQS LESYLSDYEE EPTEALALEA
 951 TVLETT

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 56 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 604834-47-1 REGISTRY

CN Protein (Candida albicans gene CaYHR005C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2532: PN: US20030180953 SEQID: 7668 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|US2003180953

|claimed SEQID

|7668

SEQ 1 MGCGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDQDQPNM SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFDRSN EFQLEGSADY YFDNVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSERKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL NSKWFANTPF ILFLNKIDIF
 ===== =
 351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
 401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGII

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES

(Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 57 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 593941-10-7 REGISTRY
 CN Gamma-glutamyltranspeptidase (*Gloeobacter violaceus* strain PCC 7421 gene ggt) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC90945
 CN GenBank BAC90945 (Translated from: GenBank AP006578)
 FS PROTEIN SEQUENCE
 SQL 618

SEQ 1 MRISANTDRI EAFCQDSGSV WNRRGVHRYV TPGSEHFRDR LLNHRTLPLL
 51 AAFVIGSAAP VAALDGVVST AHPLATEAGI EMLRKGGNAV DAAIAASLAL
 101 GVVEPQSSGI GGGGFALVWL GRTAEARVLD FREAAPGQAA AAMYLDKAGK
 151 VIPRLSLDGY RAAGVPGQAA GLVKLQQAYA ALPLATLAEP AIRLAREGFS
 201 LSDLVRGRIE AAAERLGRDP EASRVFLVEG KAPPAGYRLR QPDLARTLEL
 251 WVNSGGDSFY RGETAAAMAA AMTERGGLVS RADLESYSPV WRTPLVGYSR
 301 GVPVVTMPPP GS GGVLLEML NTLENFDLAA QTPLLRTHLT AQAMSRAYAD
 351 RSRFYGDPAF VPVPLAALVA KSYGAAQKKT ISLERATPST QIVPGSLLSP
 ======
 401 ALLAGFQSWE GPRPVENTSH LSTMDADGNT VALTQTINGG FGAAVVAPKT
 451 GILLNNEMDD FAVAPGPNL FGLVGSKANA IAPGKRPLSS MTPTILLKNG
 501 RPWIALGSPG GAFITNAVLQ TILGVLDYQL SLPEAVNAPR IHHQWQPDRL
 551 FVEKAYPVAQ ETLSALGYGL RAIDAMGNVQ AVQYAGRFGV ASDGRREGTS
 601 AIWQTPARAA SPAASP RR

HITS AT: 353-361
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 58 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 593928-81-5 REGISTRY
 CN Protein (*Gloeobacter violaceus* strain PCC 7421 gene gl11779) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC89720
 CN GenBank BAC89720 (Translated from: GenBank AP006574)
 FS PROTEIN SEQUENCE
 SQL 356

SEQ 1 MKVGILSFHH TSNYGATLQN YALWKTIDNL GFKAVIDYQ PFVAMKNYYV
 51 RELLPSRPVL SNLAKILKMK QFRESRIQLS EGVYFSSEGL KRFKRCYDAV
 101 VVGSQDVWST DGWRGYDPSF FLDFIDGETT LKISYAASAG HTETLGAHRS
 151 NVQSLVQRQFQ AISVRDANTA RVIKEECALD SIQVLDPTFL VGYGEFLGKA
 201 LAIDSPFLII YKMGPMSSSE ESFILRLAGE RNLKIVSVGY HHRIAQYNLA
 251 GIGPEEWVRY YSQAAVVFDT SYHGSIFSII FHKPVNPFVC KTKAAKTGDL
 == =====
 301 LNKLGLIERI FDGDKTNTSN IDYAPVQERL TRRVQASRDF LIRALSSRLA
 351 TAKSSG
 HITS AT: 259-267
 MF Unspecified

CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 59 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 588638-49-7 REGISTRY
 CN 1700021K19Rik protein (mouse strain C57BL/6 clone IMAGE:5704785 gene
 1700021K19Rik) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAH57307
 CN GenBank AAH57307 (Translated from: GenBank BC057307)
 FS PROTEIN SEQUENCE
 SQL 992

SEQ 1 KLTSHGASPL LRVLRVPWRS KRPGASLWPR DGLIVRMRPE GAGMDLGGGD
 51 GERLLEKSRR EHWQLLGNLK TTVEGLVSAN CPNVWSKYGG LERLCRDMQN
 101 ILYHGLIHDQ VCCRQADYWQ FVKDIRWLSP HSALHVEKFI SLHESDQSQT
 151 DSVSERAVAE LWLQHSLQCH CLSAQLRPLL GDRQYIRKFY TETAFLLSDA
 =====
 201 HVTAMLQCLE AVEQNNPRLL AQIDASMFAR KQESPLLVTK SQSLTALPGS
 251 TYTPPPASYAQ HSYFGSSSSL QSMPQSSHSS ERRSTSFSLS GPSWQPQEDR
 301 ECLSPAETQT TPAPLPSDST LAQDSPLTAQ EMSDSTLTSP LEASWVSSQN
 351 DSPSDVSEGP EYLAIGNPAP HGRTASCESH SSNGESSSSH LFSSSSSQKL
 401 ESAASSLGDQ EEGRQSQAGS VLRRSSFSEG QTAPVASGTK KSHIRSHSDT
 451 NIASRGAAGG PRNITIIVED PIAEGGQYLC SGEGMFRRPS EGQSLISYLS
 501 EQDFGSCADL EKENAHFSIS ESLIAAIELM KCNMMSQCLE EEEVEEEDSD
 551 REIQELKQKII RLRRQQIRTK NLLPAYRETE NGSRVTSSS SQFSSRDSTQ
 601 LSESGSAEDA DDLEIQDADI RRSAVSNNGKS SFSQNLSHCF LHSTSAAEAVA
 651 MGLLKQFEGM QLPAASELEW LVPEHDAPQK LLPIPDSLPI SPDDGQHADI
 701 YKLRIRVRGN LEWAPPRLQI IFNVHPAPTR KIAVAKQNYR CAGCGIRTDP
 751 DYIKRRLRYCE YLGKYFCQCC HENAQMVVPS RILRKWDFSK YYVSNFSKDL
 801 LLKIWNDPLF NVQDINSALY RKVKLLNQVR LLRVQLYHMK NMFKTCRLAK
 851 EL LDSFDVVP GHLTEDLHLY SLSDLTATKK GELGPRLAEL TRAGAAHVER
 901 CMILCQAKGFI CEFCQNEEDV IFPFELHKCR TCEECKACYH KTCFKSGRCP
 951 RCERLQARRE LLAKQSLESY LSDYEEEPTF ALALEATVLE TT

HITS AT: 188-196
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 60 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 571229-35-1 REGISTRY
 CN Membrane protein (Corynebacterium efficiens strain YS-314) (9CI) (CA
 INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC17623
 CN GenBank BAC17623 (Translated from: GenBank AP005216)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MSVTYVLRES LRGMARNLTM TLALVITTSI SLALLATGFL VANMTERKD
 51 IYLDRAVEVMQ QLDEDTSAQD PDCVEEACAE VRSELEALDG IDSITYRSRE
 101 QSYERFVEVF EYTDPLVVAE TSPDALPAAF HVRLADPLAV DILDPLVREL
 151 QVAVIDQVD DLRGATDNLD SIRNATFLVA AVQILASTFL IANMVQIAAY
 201 SRRETEIMR IVGASRWYSE APFVLEAVLS TLIGAVLAVV GLFLGKELVI
 ======
 251 DKALRGLYES QLIAPITNAD IWTVAPVVSV IGVVVAGLIA QLTLRFYVRK
 HITS AT: 216-224
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

 L2 ANSWER 61 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 570456-75-6 REGISTRY
 CN Protein (Proteus mirabilis strain ATCC202157 clone US6605709-SEQID-6558
 open reading frame) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2386: PN: US6605709 SEQID: 6558 claimed protein
 FS PROTEIN SEQUENCE
 SQL 264

 PATENT ANNOTATIONS (PNTE):
 Sequence | Patent
 Source | Reference
 =====+=====
 Not Given | US6605709
 | claimed SEQID
 | 6558

 SEQ 1 EVIMDRKLMP ALFVGHGSPM NVLEDNKYTR LWTTLGETLP KPKAILVISA
 51 HWYTQGTYIT AMTHPKTIHD FYGFPPELYQ IEYPAKGSIG LVALIEDLID
 ======
 101 PMKLKLDMEQ WGFDHGSWGI LEKMYPNANI PVVQLSIDAN QSPQWHYEFG
 151 KKLVELRREG VLVIGSGNIV HNLRRMMDWQN DQAEPYSWAL SFSETVERCL
 201 QSDKVPEALF TILSTQEGQL AHPTAEHFLP ALYLLGLKQP DEKVTLNNND
 251 IINKSLSMMT FQIG
 HITS AT: 51-59
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

 L2 ANSWER 62 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 570441-91-7 REGISTRY
 CN Protein (Proteus mirabilis strain ATCC202157 clone US6605709-SEQID-5068
 open reading frame) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 896: PN: US6605709 SEQID: 5068 claimed protein

FS PROTEIN SEQUENCE
 SQL 493

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	US6605709
	claimed SEQID
	5068

SEQ 1 VFSPFGVLYL EIVGVAYFFF SQSQRGNNNAM VMQHAKPGRV ALAVMGALLV
 51 TALPAKMSYA EGFIDDSLT GGIYYWQRDR DRKELETPNSP DYGKYKANLH
 101 HSTFNANLDF SSGYLGDFFG. IDLAAGFAVE LNNSGPAAPN EIGFSDAKSR
 151 WDEKWTGDRS GVSIYKAAAK FKLGHFWAOG GYIQPKGQTL LRPHWSFLPG
 ====== ==
 201 TYRGAEAGAV FDFDKNGELS FSYMWTDYK APWYRNMYNF RKADLETNIS
 251 YLHSFGAKYD FKNSLVLEAA FGQADGYIDQ YFGKVSYDFP IANNTLKTSY
 301 QFYGAKDVT GGGINDVYDG LAWLQAFTLG YTYNVFDFKV EGTWVKAEGN
 351 QGYFLQRMTP GWATSNGRLD IWWDGRSDFN ANGEKALYAG VMYDLKNWDL
 401 PGWAIGTSYV YAWDAKPSSN PIYDQSKRIR ESAWNADIMY TVQEGRAKGT
 451 LFKLHYTRYD NHSDIPSYEG GFGNIFQDEK DVKFNVIMP TIF

HITS AT: 175-183

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES
 (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 63 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 568498-90-8 REGISTRY

CN Glycosyltransferase (Synechococcus strain WH8102 gene SYNW0416) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAE06931

CN GenBank CAE06931 (Translated from: GenBank BX569690)

FS PROTEIN SEQUENCE

SQL 661

SEQ 1 MNGAGPNGQS MSILYVCHGH PRYAKGGEL AAWRLFQAFE AEGAFLAAA
 51 PSLAVMPPGC EVMSAGPRQW LIKPSLSPLO HGTEVSLQDG GALHQALADL
 101 RPELVHLHHY VHVGIDLVA LRRWFQAGF LFTLHEYWP CAYEGRLLRR
 ====== =
 151 SGELCAGPEP EVCVEVGPE QRVDLAIQL RLQRMFIAID HLLSPSLFLK
 201 QRYEEWGLDP HRISVVENLP APAPASVESG ANAGSDALVL GYFGQVNPK
 251 GLELILQAVQ RARRRCGQLS VQLHGCGPAD LDPSTSPYPE LAGRLAALVE
 301 QLGPEAVQLC GRYDSDLQLAD RMAGVDAVLM ASTWFENAPM VIQEAFQHGR
 351 PV LAPRLGGM AEKVQHELSG LLFAPGDPAD LARTIERCID EVDLLPGLQA
 401 QVLRMPLKGA RSLEQHRRLY ARFRGSSAAA EPSLAEWEPA LLEDLRQNFE
 451 PLGANCELGF LMGRGLGIQRS SLFRWLFTPL ASLEKVLAEGLERFFSEPV
 501 VTDPVMAADM VVDQRTGIFT HAGELRQGLE QAGNNSAALV QVRAGEACRD
 551 QRGKYRYLVE KFLASVPVAS TLHVFSDFHR ELNEAAMLRI HSRLRDLGKP
 601 LGSTLLFVQP ADGSTEVNSV RCLGDGLQLA AIRRFAPGEH ADQIDLEAWI
 651 SLLSLSRQLS S

HITS AT: 123-131
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 64 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 550280-77-8 REGISTRY
 CN Protein (megaplasmid pHG1 gene PHG068) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAP85821
 CN GenBank AAP85821 (Translated from: GenBank AY305378)
 FS PROTEIN SEQUENCE
 SQL 215

SEQ 1 MPDLTFSISA AEVAPFAAVP LLLFKLQIAN APAGEEIASI TLQCQIQIEA
 51 TRRYYAPAEH DGLQDLSFGVP QRWTQTLRTM LWTHATVIVP AFSGTCVIDL
 101 LVPCSFDFNII AATKYCHALQ DGEIPLMLQF SGTVFYRNAD DALQAAPVPW
 151 HKEAAFRLPV AVWHDMMARY YPNGAWLCLQ REVFDRLGRY KAQQGLATWE
 == =====

201 RALDALLDGA EEKAS

HITS AT: 169-177
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 65 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 502676-38-2 REGISTRY
 CN MKIAA0226 protein (mouse clone mbg06042 gene mKIAA0226 C-terminal fragment) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC65503
 CN GenBank BAC65503 (Translated from: GenBank AK122221)
 FS PROTEIN SEQUENCE
 SQL 1003

SEQ 1 LCRCQGVVHG SKLTSHGASP LLRVLRVPPWR SKRPAGSLWP RDGLIVRMRP
 51 EGAGMDLGGG DGERLLEKSR REHWQLLGNL KTTVEGLVSA NCPNVWSKYG
 101 GLERLCRDMQ NILYHGLIHD QVCCRQADYW QFVKDIRWLS PHSALHVEKF
 151 ISLHESDQSD TDSVSERAVA ELWLQHSLQC HCLSAQLRPL LGDRQYIRKF
 ==
 201 YTETAFLLSD AHVTAMLQCL EAVEQNNPRL LAQIDASMFA RKQESPLLVT
 =====
 251 KSQSLTALPG STYTPPASYA QHSYFGSSSS LQSMPQSSH SERRSTSFL
 301 SGPSWQPQED RECLSPAETQ TTPAPLPSDS TLAQDSPLTA QEMSDSTLTS
 351 PLEASWVSSQ NDSPSDVSEG PEYLAIGNPA PHGRTASCES HSSNGESSSS
 401 HLFSSSSSQK LESAASSLGD QEEGRQSQAG SVLRRSSFSE GQTAPVASGT
 451 KKSHIRSHSD TNIAARGAAG GPRNITIIIVE DPIAEGGQYL CSGEGMFRRP
 501 SEGQSLISYL SEQDFGSCAD LEKENAHFSI SESLIAAIEL MKCNMMSQCL
 551 EEEEVEEEDS DREIQELKQK IRLRRQQIRT KNLLPAYRET ENGSFRVTSS

601 SSQFSSRDST QLSESGSAED ADDLEIQDAD IRRSAVSNGK SSFSQNLSHC
 651 FLHSTS AEA V AMGLLKQFEG MQLPAASELE WLVPEHDAPQ KLLPIPDSL P
 701 ISPDDGQHAD IYKLRLRV RG NLEWAPP R P Q IIFNVHPAPT RKIAVAKQNY
 751 RCAGCGIRT D PDYIKRLRYC EYLGKYFCQC CHENAQMVP SRILRKWDFS
 801 KYYVSNFSKD LLLKIWNDPL FNVQDINSAL YRKVKLLNQV RLLRVQLYHM
 851 KNMFKTCRLA KELLDSFDVV PGHLTEDLHL YSLSDLTATK KGELGPRLAE
 901 LTRAGAAHVE RCMLCQAKGF ICEFCQNEED VIFPFELHKC RTCEECKACY
 951 HKTCFKSGRC PRCERLQARR ELLAKQSLES YLSDYEEPT EALALEATVL
 1001 ETT

HITS AT: 199-207

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 66 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 493570-38-0 REGISTRY

CN Protein (mouse strain C57BL/6J clone A630091D15 941-amino acid) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAC31257

CN GenBank BAC31257 (Translated from: GenBank AK042428)

CN Protein (Mus musculus strain C57BL/6J clone A630091D15 941-amino acid)

FS PROTEIN SEQUENCE

SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCSR DMQNILYHGL IHDVQVCCRQA DYWFQVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDROQYI
 151 RKFYTETAF LSDAHVTAML QCLEAREQNN PRLLAQIDAS MFARKQESPL
 ======
 201 LVTKSQSLTA LPGSTYTPPA SYAQHSYFGS SSSLQSMQPS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLAESWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHHSSNGES
 351 SSSHLFSSSS SQKLESAASS LGDQEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKSHIRS HSDTNIASRG AAEGGQYLCs GEGMFRRPSE GQSLISYLSE
 451 QDFGSCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEVEEEDSDR
 501 EIQLKQKIR LRRQQIRTKN LLPAYRETEN GSFRVTSSSS QFSSRDSTQL
 551 SESGSAEDAD DLEIQDADIR RSAVNSNGKSS FSQNLSHCFL HSTS AEA VAM
 601 GLLKQFEGMQ LPAASELEWL VPEHDAPQKL LPIPDSPIS PDDGQHADIY
 651 KLRLRVRGNL EWAPP RPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
 701 YIKRLRYCEY LGKYFCQCCH ENAQMVVPSP ILRKWDFSKY YVSNF SKDLL
 751 LKIWNDPLFN VQDINSALYR KVKKLLNQVRL LRVQLYHMKN MFKTCRLAKE
 801 LLDSFDVVPG HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
 851 MLCQAKGFIC EFCQNEEDVI FPFFELHKCRT CEECKACYHK TCFKSGRCPR
 901 CERLQARREL LAKQSLESYL SDYEEEPTEA LALEAPVLET T

HITS AT: 152-160

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 67 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 489034-87-9 REGISTRY
 CN GenBank BAB98196 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAB98196 (Translated from: GenBank AP005276)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVMT TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDREVMI QLDEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDGVRLDP
 151 QVSNVIDQVD DLRGATENLN SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
 =====
 251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK
 HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK
 MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 68 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 486378-27-2 REGISTRY
 CN Protein (mouse strain C57BL/6J clone 5330403K09 941-amino acid) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank BAC26925
 CN GenBank BAC26925 (Translated from: GenBank AK030368)
 CN Protein (Mus musculus strain C57BL/6J clone 5330403K09 941-amino acid)
 FS PROTEIN SEQUENCE
 SQL 941

SEQ 1 MRPEGAGMDL GGGDGERLLE KSRREHWQLL GNLKTTVEGL VSANCPNVWS
 51 KYGGLERLCR DMQNILYHGL IHQDQVCCRQA DYWFQVKDIR WLSPHSALHV
 101 EKFISLHESD QSDTDSVSER AVAELWLQHS LQCHCLSAQL RPLLGDRQYI
 151 RKFYTTAFL LSDAHVTAML QCLEAREQNN PRLLAQIDAS MFARKQESPL
 =====
 201 LVTKSQSLTA LPGSTYTTPA SYAQHSYFGS SSSLQSMPQS SHSSERRSTS
 251 FSLSGPSWQP QEDRECLSPA ETQTTPAPLP SDSTLAQDSP LTAQEMSDST
 301 LTSPLEASWV SSQNDSPSDV SEGPEYLAIG NPAPHGRTAS CESHHSSNGES
 351 SSSHLSFSSSS SQKLESAASS LGDQEEGRQS QAGSVLRRSS FSEGQTAPVA
 401 SGTKKKSHIRS HSDTNIASRG AAEGGQYLCs GEGMFRPSE GQSLISYLSE
 451 QDFGSCADLE KENAHFSISE SLIAAIELMK CNMMSQCLEE EEEVEEDSDR
 501 EIQELKQKIR LRRQQIERTKN LLPAYRETEN GSFRVTSSSS QFSSRDSTQL
 551 SESGSAEDAD DLEIQDADIR RSAVNSNGKSS FSQNLSHCFL HSTSAAEVAM
 601 GLLKQFEGMQ LPAASELEWL VPEHDAPQKL LPIPDSDLPIs PDDGQHADIY
 651 KLRIRVRGNL EWAPPRPQII FNVHPAPTRK IAVAKQNYRC AGCGIRTDPD
 701 YIKRLRYCEY LGKYFCQCCH ENAQMVPSR ILRKWDFSKY YVSNFSDKLL
 751 LKIWNDPLFN VQDINSALYR KVKKLLNQVRL LRVQLYHMKN MFKTCRLAKE
 801 LLDSFDVVPG HLTEDLHLYS LSDLTATKKG ELGPRLAELT RAGAAHVERC
 851 MLCQAKGFIC EFCQNEEDVI FPFFELHKCRT CEECKACYHK TCFKSGRCPR
 901 CERLQARREL LAKQSLESYL SDYEEEPTEA LALEATVLET T

HITS AT: 152-160
 MF Unspecified
 CI MAN
 SR GenBank
 LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 69 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 486066-28-8 REGISTRY
 CN GenBank AAA34324 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAA34324 (Translated from: GenBank M88113)
 FS PROTEIN SEQUENCE
 SQL 429

SEQ 1 MCGASVPVD DDEIDPFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLUQ LKLLHKGGFT QOERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDQCDQPNM SLIPYKQIIL RSDPLQKQIDA SVAGGTDFLN DFVVKYSEEN
 151 KNKRRRLKSTG TTDIWGKDDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFCDRSN EFQLEGSADY YFDNVVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSVRKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL C NSKWFANTPF ILFLNKIDIF
 ===== =
 351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
 401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGIM

HITS AT: 333-341
 MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 70 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 481411-39-6 REGISTRY
 CN GenBank CAD34629 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank CAD34629 (Translated from: GenBank AX404619)
 FS PROTEIN SEQUENCE
 SQL 300

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITSSI SLALLATGFL VTNMTDRTKD
 51 IYLDREVMI QLDEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPVRDLP
 151 QVSVIDQVD DLRGATENL D SIRNATFLIA AVQVLEASIFL IANMVQIAAF
 201 NRREEETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
 ===== =
 251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK
 MF Unspecified
 CI MAN
 SR GenBank

L2 ANSWER 71 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 481150-69-0 REGISTRY
 CN KIAA0226 protein (human cell line KG-1 clone ha046331 gene KIAA0226) (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 1305: PN: WO03091391 TABLE: 20 unclaimed protein
 CN 2200: PN: US20040009481 TABLE: 1 claimed protein
 CN 4295: PN: WO03038130 FIGURE: 3 claimed protein
 CN 456: PN: WO03095618 TABLE: 1 claimed protein

CN 495: PN: WO2004038376 TABLE: 4 unclaimed protein
 CN 689: PN: WO2004038376 TABLE: 5 unclaimed protein
 CN GenBank BAA13215
 CN GenBank BAA13215 (Translated from: GenBank D86979)
 FS PROTEIN SEQUENCE
 SQL 973

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2003038130
	claimed FIGURE
	3

SEQ 1 DLSFPREGRE HWQLLGNLKT TVEGLVSTNS PNVWSKYGGI ERLCRDMOSI
 51 LYHGLIRDQA CRRQTDYWFQF VKDIRWLSPH SALHVEKFIS VHENDQSSAD
 101 GASERAVAEL WLQHSLQYHC LSAQLRPLLG DRQYIRKFYT DAAFLLSDAH
 =====
 151 VTAMLQCLEA VEQNNPRLLA QIDASMFARK HESPLLVTKS QSLTALPSST
 201 YTPPNSYAQH SYFGSFSSLH QSVPNNGSER RSTSFPLSGP PRKPQESRGH
 251 VSPAEDQTIQ APPVSVSALA RDSPLTPNEM SSSTLTSPIE ASWVSSQNDS
 301 PGDASEGPEY LAIGNLDPRG RTASCQSHSS NAEASSSNLF SSSSSQKPD
 351 AASSLGQEG GGESQLSSVL RRSSFSEGQT LTVTSGAKKS HIRSHSDTSI
 401 ASRGAPGGPR NITIIVEDPI AESCNDKAKL RGPLPYSGQS SEVSTPSSLY
 451 MEYEGGRYLC SGEGMFRRPS EGQSLISYLS EQDFGSCADL EKENAHFSIS
 501 ESLIAAIELM KCNMMSQCLE EEEVEEEDSD REIQELKQKI RLRRQQIRTK
 551 NLLPMYQEAE HGSFRVTSSS SQFSSRDSAQ LSDSGSADEV DEFEIQDADI
 601 RRNTASSSKS FVSSQSFSHC FLHSTSAAEV AMGLLKQFEG MQLPAASELE
 651 WLVEHDAPQ KLLPIPDSLP ISPDDGQHAD IYKLIRVRG NLEWAPPRPQ
 701 IIFNVHPAPT RKIAVAKQNY RCAGCGIRTQ PDYIKRLRYC EYLGKYFCQC
 751 CHENAQMAIP SRVLRKWDTS KYYVSNFSKD LLIKIWNDPL FNVQDINSAL
 801 YRKVKLLNQV RLLRVQLCHM KNMFKTCRLA KELLDASFDTV PGHLTEDLHL
 851 YSLNDLTATR KGELGPRLAE LTRAGATHVE RCMLCQAKGF ICEFCQNEDD
 901 IIFPFELHKC RTCEECKACY HKACFKSGSC PRCRERLQARR EALARQSLES
 951 YLSDYEEEPA EALALEAAVL EAT

HITS AT: 137-145

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties)

6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 72 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 479898-21-0 REGISTRY

CN Similar to KIAA0226 gene product (human clone MGC:40578 IMAGE:5217239)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAH33615

CN GenBank AAH33615 (Translated from: GenBank BC033615)

FS PROTEIN SEQUENCE

SQL 375

SEQ 1 MQSILYHGLI RDQACRRQTD YWQFVKDIRW LSPHSALHVE KFISVHENDQ
 51 SSADGASERA VAEWLQHSL QYHCLSAQLR PLLGDRQYIR KFYTDAFL

=====

101 SDAHVTAMLQ CLEAVEQNPP RLLAQIDASM FARKHESPLL VTKSQSLTAL
 151 PSSTYTTPPN S YAQHSYFGSF SSLHQSVPPN GSERRSTSFP LSGPPRKQPE
 201 SRGHVSPAED QTIQAPPVSV SALARDSPLT PNEMSSSTLT SPIEASWVSS
 251 QNDSPGDASE GPEYLAIGNL DPRGRTASCQ SHSSNAESSS SNLFSSSSQ
 301 KPDSAASSLG DQEGGGESQL SVLRRSSFS EGQTLTVTSG AKKSHIRSHS
 351 DTASIARSGAP GNEEHRLLV KMTLN

HITS AT: 91-99

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 73 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 459773-35-4 REGISTRY

CN GenBank CAC98232 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank CAC98232 (Translated from: GenBank AL591973)

FS PROTEIN SEQUENCE

SQL 372

SEQ 1 MKSRKKGIIL VLSVILFSI GLLVNNLMTN NKDTAKPKKK TAAVKKKE
 51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
 101 VDLETAITTR TKVVPYQEFW IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
 151 EDGLLDTTAA LRANNLAYVG AGKNEDEAYQ LKVADIKGNK VGFMSFCHEFF
 ====
 201 PNTGWIADED TPGBTNGYDL NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK
 =====
 251 TNTPVDYQTQ YVKKLVDDNL VDAIVASHPH WLQGFEVYKD VPIAYSLGNF
 301 LFPDYVSGHS AETGIYKLFN DQGKVTAHFD PGIISGNQIN MLEGSSKTAQ
 351 LNYLQSISPN ATINSNGDIS AK

HITS AT: 198-206

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

L2 ANSWER 74 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 455367-88-1 REGISTRY

CN Acetolactate synthase (*Thermosynechococcus elongatus* strain BP-1 gene ilvB) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank BAC09376

CN GenBank BAC09376 (Translated from: GenBank AP005375)

FS PROTEIN SEQUENCE

SQL 552

SEQ 1 MPAIAHPMNT AELLVKCLEN EGVEYIFGLP GEENLDVLHA LHRSRQFIT
 51 TRHEQGAAM ADVYGRKTGK AGVCLSTLGP GATNLMVGVA DANLDGAPLV
 101 AITGQVGTDR MHIESHQYLD LVAMFSPVTK WNAQIVRPSI TPEIVRKAFK
 151 IAQNEKPGAV HIDVPENIAA MEAEGAPLP SSPEKTYASF QSILKAAELI
 201 NAAENPLILV GNGAIRAHAA AALTHFAEKL NIPVANTFMG KGVIQYQHPL
 251 ALWTVGLOQR DYISCGFDHA DLVIAVGYDL IEYSPKSWNP EGRLPIIHIA
 301 ATPAEIDSSY IPVVEVVGDI SDSLYEILKR ADRQDKPTPY AVQLRQEIVA

351 DYYQYAQDES FPVKPQKLIY DLRQVMGPED IVISDVGAHK MWIARHYHCD
 401 RPNCLISNG FAAMGIAVPG AMAAKLVYPQ RVVVAVTGDG GFMMNFQELE
 451 TALRMGTNFT TIIFNDGGYG LIEWKQQRYF GESAYVHFSN PDFVKLAESM
 =====

501 GLKGYRIEET TDFIPTLKTA LAQNVPTLID VPVDYSENLR FNQRLGELSC
 551 TP

HITS AT: 478-486

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 75 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 443166-78-7 REGISTRY

CN Protein (Candida albicans clone Sa386383_7668 gene fragment) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 668: PN: WO20053728 SEQID: 7668 claimed protein

FS PROTEIN SEQUENCE

SQL 429

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given | WO20053728

| claimed SEQID

| 7668

SEQ 1 MGCGASVPVD DDEIDLFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLKQ LKLLHKGFFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDQDQPNN SLIPYKQIIL RSDPLKQIDA DVAGGTDFLN DFVVKYSEEN
 151 KNKRRLKSTG TTDIWGKDDD SNINSDAINQ ALESSLNKDS EQFTRLSIAE
 201 AIHKLWKLDS GIKKCFDRSN EFQLEGSADY YFDNVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKSF QFKVLDAGGQ RSERKKWIHC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL NSKWFANTPF ILFLNKIDIF
 ===== =

351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC

401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGII

HITS AT: 333-341

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Cplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 76 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 405119-76-8 REGISTRY

CN Cell division protein (*Corynebacterium glutamicum* ATCC13032 gene ftsX)
 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO0222670 SEQID: 2 claimed protein
 FS PROTEIN SEQUENCE
 SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

Not Given	WO2002022670
	claimed SEQID
	2

SEQ 1 MAFGYVLREA VRGMGRNVMT TIALIITTSI SLALLATGFL VTNMTDRTKD
 51 IYLDRLVEVMI QLDEDTSAND PECTAESCSTE VRDVLEGLDG IDSITYRSRE
 101 ASYERFVEVF KDTDPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPRDLP
 151 QVSNVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF
 201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI
 =====
 251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 77 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 367564-96-3 REGISTRY

CN Protein (*Listeria monocytogenes* strain EGD-e gene LM-587.1) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2526: PN: WO0177335 SEQID: 2527 claimed protein

CN Protein (*Listeria monocytogenes* strain EGD-e gene lmo0017)

FS PROTEIN SEQUENCE

SQL 372

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

Not Given	WO2001077335
	claimed SEQID
	2527

SEQ 1 MKSRKKGIIL VLSVILFSI GLLVNNLMTN NKDTAKPKKK TVAAVKKKE
 51 TPPKPKEPFN IDFTGDIMFD WDLRPVLAEK GMDYPFNNVR EELKSSDYTF
 101 VDLETAITTR TKKVPYQEWF IKSDPSSLTA LKNAGVDMVN ISNNHILDYY
 151 EDGLLDTTAA LRANNLAYVG AGKNEDEAYQ LKVADIKGNK VGFMSFCHFF

====

201 PNTGWIADED TPGBTNGYDL NLVEEKIKEE RAKNKDIDYM VVYFHWGVEK

=====

251 TNTPVDYQTQ YVKKLVDDNL VDAIVASHPH WLQGFEVYKD VPIAYSLGNF

301 LFPDYVSGHS AETGIYKLFN DQGKVTAHFD PGIIISGNQIN MLEGSSKTAQ

351 LNYLQSISPN ATINSNGDIS AK

HITS AT: 198-206

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAplus document type: Journal; Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
OCCU (Occurrence); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 78 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 364091-06-5 REGISTRY

CN Protein (Corynebacterium glutamicum strain ATCC13032 clone
EP1108790-SEQID-4396) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 895: PN: EP1108790 SEQID: 4396 claimed protein

FS PROTEIN SEQUENCE

SQL 300

PATENT ANNOTATIONS (PNTE):

Sequence | Patent

Source | Reference

=====+=====

Not Given|EP1108790

|claimed SEQID

|4396

SEQ 1 MAFGYVLREA VRGMGRNVTM TIALIITTSI SLALLATGFL VTNMTDRTKD

51 IYLDRVEVMI QLDEDTSAND PECTAESCTE VRDVLEGLDG IDSITYRSRE

101 ASYERFVEVF KTDTPVLVAE TSPDALPAAF HVRLEDPLAV EILDPPRDLP

151 QVSVIDQVD DLRGATENLD SIRNATFLIA AVQVLASIFL IANMVQIAAF

201 NRREETEIMR IVGASRFYTQ GPFVFEAILS TLIGAVFAVG ALFLGKELVI

===== =====

251 DKALRGLYDS QLIAPVTTTD IWLVAPIISG IGVVIAGIIA QLTLLRFYVRK

HITS AT: 216-224

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

DT.CA CAplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
OCCU (Occurrence); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 79 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 349152-71-2 REGISTRY
 CN G protein (guanine nucleotide-binding protein) (*Kluyveromyces lactis* strain WM37 gene gp1 subunit α) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAD33674
 CN GenBank AAD33674 (Translated from: GenBank AF135552)
 FS PROTEIN SEQUENCE
 SQL 447

SEQ 1 MGCVASTGNY ENEDDPFIQN KRANDLIEQN LQQERNKNKN EVKLLLLGAG
 51 ESGKSTVLKQ MKLLHQGGFT HRERMQYQGV IWADAIIESMR TLILQAGKLG
 101 IELDSDLKNA HSGQLVNTEL HQCKEKIFRA NTLDQIDARM AGGSEFLNEY
 151 VLKYNGIGSK KKRQTLGLFK ESNGADPEEE DETDAFLSEK LAGTSYTGSS
 201 ETSELKRIDQ STNEEIAYAI KKLWTQDKGI RQCFNRSSEF QLEGSASYYF
 251 DNIEKFARVD YVCDDMDILK VRKTTGITE NSFKIGPSTF KVYDAGGQRS
 301 ERRKWIHCFE GITAVVFVIA ISEYDQMLFE DERVNRMHES IVLLDTLLNS
 351 RWFANTPFIL FLNKVDFIFQE KVKRSPIRTW FPNYPGKLGD SETGLKYFES
 ======
 401 LFLLSLNRSNK PIYVHRTCAT DTQSMRFVLG AVTDLVIQQN LKKSGIL

HITS AT: 351-359

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAPplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 80 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN

RN 348664-71-1 REGISTRY

CN Molybdopterin oxidoreductase, molybdopterin binding subunit (*Sulfolobus solfataricus* gene SSO1580) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAK41791
 CN GenBank AAK41791 (Translated from: GenBank AE006771)
 FS PROTEIN SEQUENCE
 SQL 1050

SEQ 1 MNYDSNIMVE NKGLRLNRRD FLKASAAAGL VMGLGYFASK YNFNIFVTRD
 51 AVNDEELQPG WQYSVPSIC AFCSSSTCDIL VETEYINGYM RALEIDGNPL
 101 SPLNEGKVCP RGRAGIFRTY NVDRLKTPLI RTGPKGTWSF REATWEETIN
 151 YIMQNIKQLN PQPYEFLLIG GGIPCANYKP YFIPFTLGTQ IPNINGTPMQ
 201 TCLFSDQVPI GFVIGGFDLH ATDMMDMTY SSLIVAWGTS GIPAGIFVNR
 251 AIRYAKGIEN GAYVIAIDPR MSEAAASKANL WIPAKPGSDL YIAMAIINYL
 301 IQNNYYDDEF VRYYTNAPFL AYKENDVVKL LEEDYDDGTV KAYYYVDEIS
 ======
 351 GOIIEVPPFT NTNKYDVNGN FIKPALNAPQ GLTYNGKQVQ TVFQFLAQKV
 401 SNYTLEYAAQ VADVPLSQLQ ELAFRIATMK PMTIITGLKG FFNDQAVQFR
 451 KAYATIMALT GNIDIRGGWV YSAVYREGIK KVVNAYNNMV SSGKTKPGIL
 501 LQRPEVLEQL PVNELPGAFF AMFPIIYVYN NPSFWITGVP ALSYAYNQVL
 551 KQQGKKPAGA YTLFEESGSY AAIKGQVTWN GQPYKPKVAM SYGGSPFNFK
 601 WDEYKQVLET TFYIMIDILP TEASLYADVI LPDVTYLERD EFWDDGPAM
 651 DRAIRGRWQT IPVLWPNTAN GLDLFIMFAY MLNPQAGDAY IQWMARFAGV
 701 PLDILKSVIQ QEMPNYQQYL MKNNNGYPQWG SFTAKAWREA QLSVLSEELN
 751 MPKEQILQTL RNNGVIVIKT VDDYFANHER IPWDLPAATP TGRIEIYSTI
 801 LYVVVIQNYG YDPVWDPIIA EIPPNWNGGY AVEDGVYLSP PTPYNYPYTFK
 851 PTTPPELFFIE YKIPQFAYTS SADNPLLMAI TSNSYHKDIL MRAWINPTTA
 901 AQLGINEGDW IAIERWKLPN PDGSIPKLIV RAHTQWIRP DTIGVPEPFG

951 QRNPALTTAT KAVNEFGNQP VSVMWAPGRN PLGGYHMNEQ FTVRVRKATS
 1001 DEIQAATQLA SVQTPDTLPS QQAKVTPNN SASQNDWQQY VSYGNVSTLG
 HITS AT: 312-320
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 81 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 209600-11-3 REGISTRY
 CN Carnitine transporter (Treponema pallidum gene TP0106) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN GenBank AAC26554
 CN GenBank AAC26554 (Translated from: GenBank AE001195)
 FS PROTEIN SEQUENCE
 SQL 510

SEQ 1 MQKEKCDFSV SLIPLGIVIS CALLFISFPD ISHRVIGTLL NILVNKLGF
 51 YILTGLFFLG TTLTIAFSRY GAVYLGTTRT ARYSNFTWGS MIFTSTMAAD
 101 ILYWSLIEWA HYFTQAPFIA EHSPPTEROE WAAAYPLFH W GIIPWSFYVL
 ======
 151 LAVAAGYMLH VKKRHTHKIS EACRPLLGY VDGIIIGEAID ICSVVGLLL
 201 VATTFSLATP LLSLMVSLLF GISNTQLLALLCVALVY TTAVLLGTQG
 251 ISKLSRAAVY CFSTVLVFFL CAGPTVYLIE TGITAIGKML QNFNLMATWM
 301 DPSRISLQET DGTLGFPQRW TIFYWAYWIT WSVATPFFIG AISEGRТИRN
 351 TIVGGLCWGI AGTYGSFIVL GNYGLYLQTH HLLPAAYFVR AGNTPAEVII
 401 AIIQTLPCAY IVMALLAATM IAFYASTFDA LTLLIASYSQ KSVAPGEEPR
 451 QIMKSFWAVA CILLPASLIF SQSTLMHLKS LAIIAAFPLA LIMLCVVASF
 501 FKELRAEVTS

HITS AT: 111-119
 MF Unspecified
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS
 DT.CA CAplus document type: Journal
 RL.NP Roles from non-patents: PRP (Properties)
 1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 82 OF 82 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 147387-25-5 REGISTRY
 CN Protein G (Candida albicans clone YCp50-CAG1 gene CAG1 guanine nucleotide-binding α -subunit reduced) (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 SQL 429

SEQ 1 MGCGASVPVD DDEIDPFLQD KRINDAIEQS LQLRQQNSKK GVKLLLLGAG
 51 ESGKSTVLUQ LKLLHKGGFT QQERRQYSHV IWCDVIQSMK VLIIQARKLK
 101 IKLDQDQPNM SLIPYKQIIL RSDPLKQIDA SVAGGTDFLN DFVVVKYSEEN
 151 KNKRRLKSTG TTDIWKDDD SNINSDAINQ ALELSLNKDS EQFTRLSIAE
 201 AIHKLWKLD S GIKKCFDRSN EFQLEGSADY YFDNVVNFAD TNYLSTDLDI
 251 LKGRIKTTGI TETDFLIKS F QFKVLDAGGQ RSVRKWIC FEDITAVLFV
 301 LAISEYDQNL FEDERVNRMH ESIVLFDSL NSKWFANTPF ILFLNKIDIF
 ===== =

02/04/2008

351 ENKIKKNPLK NYFPDYDGKP DDTNEAIKFF ETNFLKINQT NKPIYVHRTC
401 ATDSKSMKFV LSAVTDMIVQ QNLKKSGIM

HITS AT: . 333-341

MF Unspecified

CI MAN

SR CA

LC STN Files: . CA, CAPLUS, MEDLINE, TOXCENTER

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)